

AD-A241 937



USAFETAC/DS--91/248

2



# **SURFACE OBSERVATION CLIMATIC SUMMARIES**

FOR

## **CAMP HUMPHREYS, KOREA**

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723



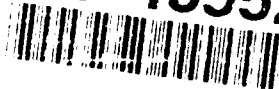
**JUNE 1991**

**APPROVED FOR PUBLIC RELEASE;  
DISTRIBUTION IS UNLIMITED**

**USAF  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER**

Scott Air Force Base, Illinois, 62225-5438

**91-13952**



91-13952-039

USAFETAC/DS-91/248, SURFACE OBSERVATION CLIMATIC SUMMARIES FOR CAMP HUMPHREYS/PYONGTAEK KO, JUNE 1991, HAS BEEN REVIEWED AND IS APPROVED FOR PUBLIC RELEASE. THERE IS NO OBJECTION TO UNLIMITED DISTRIBUTION OF THIS DOCUMENT TO THE PUBLIC AT LARGE, OR BY THE DEFENSE TECHNICAL INFORMATION CENTER (DTIC) TO THE NATIONAL TECHNICAL INFORMATION SERVICE (NTIS).

FOR THE COMMANDER

WALTER S. BURGMANN  
SCIENTIFIC AND TECHNICAL INFORMATION  
PROGRAM MANAGER

SEP 19 1961

A-1

REPORT DOCUMENTATION PAGE

2. REPORT DATE: JUNE 1991
3. REPORT TYPE AND DATES COVERED: DATA SUMMARY, MARCH 1951 TO SEPTEMBER 1990
4. TITLE AND SUBTITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR CAMP HUMPHREYS/PYONGTAEK, KOREA
7. PERFORMING ORGANIZATION NAME AND ADDRESS: OPERATING LOCATION A, USAFETAC, FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
8. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-91/248
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS: USAF ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER (USAFETAC), SCOTT AFB, IL 62225-5438
11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, CAMP HUMPHREYS/PYONGTAEK, KOREA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
15. NUMBER OF PAGES: 375
17. SECURITY CLASSIFICATION OF REPORT: UNCLASSIFIED
18. SECURITY CLASSIFICATION OF THIS PAGE: UNCLASSIFIED
19. SECURITY CLASSIFICATION OF ABSTRACT: UNCLASSIFIED
20. LIMITATION OF ABSTRACT: UL

DTIC STANDARD FORM 298

III

#### PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



## CONTENTS

INTRODUCTION.....	1
STATION PERIOD OF RECORD.....	1
DATA SOURCES.....	1
TERMS EXPLAINED.....	1
TIME CONVENTIONS.....	2
ABBREVIATIONS.....	2
SUMMARY DESCRIPTIONS.....	2
STATION HISTORY.....	3
PART A - ATMOSPHERIC PHENOMENA SUMMARIES.....	A-1-1
SPECIFIED PHENOMENA	
PERCENT OCCURRENCE FREQUENCY (FROM HOURLY OBS).....	A-2-1
PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	A-3-1
PERCENT OCCURRENCE FREQUENCY (THUNDERSTORMS).....	A-4-1
VERSUS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.....	A-5-1
PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.....	B-1-1
PRECIPITATION	
PERCENT OCCURRENCE FREQUENCY.....	B-2-1
MONTHLY TOTALS.....	B-2-2
DAILY EXTREMES.....	B-2-3
SNOWFALL	
PERCENT OCCURRENCE FREQUENCY.....	B-3-1
MONTHLY TOTALS.....	B-3-2
DAILY EXTREMES.....	B-3-3
SNOW DEPTH	
PERCENT OCCURRENCE FREQUENCY.....	B-4-1
DAILY EXTREMES.....	B-4-2
SNOWFALL/SNOW DEPTH	
FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR.....	B-5-1
PART C - SURFACE WIND	
PEAK WINDS (FROM SOD DATA).....	C-2-1
PEAK WINDS--PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	C-3-1
WIND DIRECTION VS WIND SPEED--POF (FROM HOURLY OBS).....	C-4-1
PART D - CEILING, VISIBILITY AND SKY COVER	
CEILING VS VISIBILITY--POF (FROM HOURLY OBS).....	D-2-1
SKY COVER--POF (FROM HOURLY OBS).....	D-3-1

PART E - TEMPERATURE AND RELATIVE HUMIDITY.....	E-1-1
TEMPERATURES--CUMULATIVE POF (FROM SOD DATA)	
MAXIMA.....	E-2-1
MINIMA.....	E-2-2
MEAN.....	E-2-3
MONTHLY TEMPERATURES (FROM SOD DATA)	
MAXIMA.....	E-3-1
MINIMA.....	E-3-2
MEAN.....	E-4-1
DRY BULB, WET BULB, DEW POINT TEMPERATURES (FROM HOURLY OBS)	
DRY BULB.....	E-5-1
WET BULB.....	E-5-2
DEW POINT.....	E-5-3
RELATIVE HUMIDITY (FROM HOURLY OBS)	
CUMULATIVE PERCENT OCCURRENCE FREQUENCY.....	E-6-1
PART F - PRESSURE (FROM HOURLY OBS).....	F-1-1
SEA LEVEL PRESSURE.....	F-2-1
ALTIMETER SETTING.....	F-3-1
STATION PRESSURE.....	F-4-1
PART G - CROSSWIND SUMMARIES (FROM HOURLY OBS).....	G-1-1
PERCENT OCCURRENCE FREQUENCY.....	G-2-1
PART H - DEGREE DAY SUMMARIES (FROM HOURLY OBS).....	H-1-1
HEATING DEGREE DAYS.....	H-2-1
COOLING DEGREE DAYS.....	H-3-1

\*\*\* NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS \*\*\*

## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: OCT 80 - SEP 90 (METAR).

SUMMARY OF DAY DATA: MAR 51 - AUG 56, MAR 77 - SEP 90 (FULL TIME).

SUMMARY OF DAY DATA: SEP 56 - SEP 57, JUL 63 - DEC 63, AUG 68 - FEB 77 (PART TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 471270		STATION NAME CAMP HUMPHREYS/PYONGTAEK, KO	LATITUDE N 36 57	LONGITUDE E 127 02	FLD ELEV (FT) 47	CALL SIGN RKSG	WMO NMBR 47127		
STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location ----- From      To		LATITUDE	LONGITUDE	Elev Above MSL ----- FLD (FT)    BARO (FT)		OBS PER DAY
1	Pyongtaek AB, KO K-6	AB	Mar 51	Aug 56	N 36 57	E 127 00	62	N/A	24
2	Same	AB	Sep 56	Sep 57	Same	Same	Same	N/A	14
3	Same	AB	Jul 63	Dec 72	Same	E 127 02	Same	N/A	13
4	Camp Humphreys/Pyongtaek, KO	AAF	Jan 73	Feb 77	Same	Same	45	N/A	12
5	Same	AAF	Mar 77	Feb 78	Same	Same	Same	N/A	24
6	Same	AAF	Mar 78	Mar 87	Same	Same	Same	32	24
7	Same	AAF	Apr 87	Jan 88	Same	Same	47	Same	24

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 51	On roof of weather station	AN/GMQ-1	N/A	30 ft	
2	Apr 54	On 11' mast atop wea stn	Same	N/A	27 ft	
3	Mar 56	On roof of weather station	Same	N/A	25 ft	
4	Jul 63	8' W of wea stn on tripod	MT869/PMQ1	N/A	5 ft	
5	Mar 64	On twr 525'SE ctrpt rwy 14/32	AN/GMQ-11	N/A	53 ft	
6	Mar 65	1300'ENE of wea stn	Same	N/A	50 ft	
7	Mar 68	On control tower	Same	RO-2	Same	
8	Oct 70	400'SW ctrln, 22622'fm end rwy 32	Same	Same	13 ft	
9	Oct 83	545'SW ctrln, 925'fm end rwy 14	Same	Same	15 ft	
10	Jan 86	Same	Same	Same	Same	



PFFFFFFF	AAAAAA	RPRRRRR	TTTTTTTT	AAAAAA
PFFFFFFF	AAAAAAA	RRRRRRRR	TTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PFFFFFFF	AA AA	RRRRRRRR	TT	AA AA
PFFFFFFF	AAAAAAAA	PRRRRRR	TT	AAAAAAAA
PP	AAAAAAAA	RR RR	TT	AAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

## PART A

### ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

#### SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).



SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		3.2		6.9		10.1	28.7	8.2	.2		47.2	930
03-05		3.9		6.7		10.5	32.3	6.5	.1		49.4	930
06-08		4.2		5.3		9.5	39.7	7.8	.2		57.2	930
09-11		2.7	.1	8.6		11.4	38.5	19.0			68.9	930
12-14		3.9		8.2		12.0	13.7	28.0			53.7	930
15-17		4.6	.1	6.2		11.0	6.3	23.0			40.3	930
18-20		3.1	.3	6.3		9.8	11.9	19.2			41.0	930
21-23		2.9		6.2		9.1	18.9	12.3			40.3	930
ALL HOURS		3.6	.1	6.8		10.4	23.8	15.5	.1		49.7	7440

MONTH: FEB

00-02		5.2		4.0		9.2	25.2	5.2			39.6	846
03-05		4.3		4.8		9.1	30.5	4.4			44.0	846
06-08		5.0		5.7		10.6	42.4	5.7			58.7	846
		4.3		6.1		10.4	34.6	19.1			64.2	846
12-14		5.8		3.1		8.9	9.8	23.2	.4		42.2	846
15-17		6.4		3.9		10.3	3.7	19.0			33.0	846
18-20	.1	5.9		3.9		9.8	9.1	16.7	.2		35.8	846
21-23		5.4		4.1		9.6	14.1	11.8			35.5	846
ALL HOURS	.0	5.3		4.5		9.7	21.2	13.1	.1		44.1	6768

A - 2 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		9.2		.5		9.8	19.6	6.1			35.5	930
03-05		8.8		1.2		10.0	30.6	5.4		.1	46.1	930
06-08		8.4		1.4		9.8	43.2	5.3		.3	58.6	930
09-11		8.0		2.3		10.2	23.9	21.8		.3	56.2	930
12-14		6.7		.5	.1	7.3	4.5	19.4		.5	31.7	930
15-17		8.1		1.0		9.0	2.2	13.9		.8	25.8	930
18-20		8.5		1.4		9.9	5.3	19.2		.2	34.6	930
21-23		9.6		.9		10.4	12.2	13.4			36.0	930
ALL HOURS		8.4		1.1	.0	9.6	17.7	13.1		.3	40.6	7440

MONTH: APR

00-02	.1	8.3				8.3	24.9	6.2		1.0	40.4	900
03-05	.3	10.8				10.8	37.8	3.7		.8	53.0	900
06-08	.1	10.6				10.6	44.6	5.6		1.0	61.7	900
09-11	.1	8.2				8.2	16.0	27.0		1.3	52.6	900
12-14	.3	8.3				8.3	3.0	18.3		1.8	31.4	900
15-17	.1	9.1				9.1	1.0	12.8		1.9	24.8	900
18-20	.1	8.3				8.3	2.3	15.6		1.7	27.9	900
21-23	.1	7.6				7.6	11.0	9.9		1.4	29.9	900
ALL HOURS	.2	8.9				8.9	17.6	12.4		1.4	40.2	7200

A - 2 - 2

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	8.1				8.1	26.1	3.9		1.6	39.7	930
03-05	.3	9.8				9.8	45.7	2.6		1.3	59.4	929
06-08	.4	11.8				11.8	47.2	7.1		.9	67.0	930
09-11	.4	9.5				9.5	16.0	24.6		1.0	51.1	930
12-14	.4	8.7				8.7	3.8	20.2		1.6	34.3	930
15-17	.3	8.1				8.1	1.8	13.5		1.7	25.2	930
18-20	.3	6.1				6.1	3.1	12.9		2.0	24.2	930
21-23	.4	6.6				6.6	14.4	8.5		1.5	31.0	929
ALL HOURS	.4	8.6				8.6	19.8	11.7		1.5	41.5	7438

MONTH: JUN

00-02	.1	10.6				10.6	34.9	6.4			51.9	900
03-05	.1	14.0				14.0	53.7	2.4			70.2	899
06-08	.3	13.3				13.3	52.2	6.7			72.2	900
09-11	.6	10.3				10.3	18.0	27.9		.1	56.3	900
12-14	.3	9.4				9.4	3.6	27.7			40.7	900
15-17	.2	9.2				9.2	.6	20.4			30.2	900
18-20	.3	9.1				9.1	2.8	20.8			32.7	900
21-23	.3	8.6				8.6	17.4	12.3			38.3	900
ALL HOURS	.3	10.6				10.6	22.9	15.6		.0	49.1	7199

A - 2 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS  
FROM HOURLY OBSERVATIONS

VARIOUS ATMOSPHERIC PHENOMENA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: JUL

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.9	14.2				14.2	33.5	2.6			50.3	928
03-05	2.8	20.8				20.8	48.3	1.7			70.8	930
06-08	1.4	21.0				21.0	46.7	3.9			71.5	930
09-11	.8	17.3				17.3	20.6	18.3			56.2	930
12-14	1.1	14.0				14.0	4.3	20.6			38.9	929
15-17	1.2	14.6				14.6	2.3	15.8			32.7	930
18-20	1.2	12.9				12.9	5.4	14.4			32.8	928
21-23	1.6	12.6				12.6	17.5	8.3			38.4	930
ALL HOURS	1.5	15.9				15.9	22.3	10.7			48.9	7435

MONTH: AUG

00-02	.3	8.6				8.6	37.4	.9			46.9	930
03-05	.8	12.0				12.0	46.7	1.0			59.7	930
06-08	1.4	13.2				13.2	46.2	2.4			61.8	930
09-11	1.4	12.7				12.7	16.2	16.0			44.9	930
12-14	.6	12.6				12.6	.9	15.5			28.9	930
15-17	1.8	14.0				14.0	.6	10.1			24.7	930
18-20	3.4	14.3				14.3	4.7	11.2		.1	30.3	930
21-23	1.0	10.0				10.0	21.8	5.8			37.6	930
ALL HOURS	1.3	12.2				12.2	21.8	7.8		.0	41.9	7440

A - 2 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		10.3				10.3	35.7	.7			46.7	900
03-05	.1	10.4				10.4	44.1	.3			54.9	900
06-08	.4	11.8				11.8	47.9	.8			60.4	900
09-11	.1	11.0				11.0	16.9	13.3			41.2	900
12-14	.1	10.4				10.4	1.1	10.6			22.1	900
15-17	.7	9.7				9.7	1.2	6.7			17.6	900
18-20	.2	9.9				9.9	6.6	8.0			24.4	900
21-23	.2	9.3				9.3	19.7	4.1			33.1	900
ALL HOURS	.2	10.4				10.4	21.6	5.6			37.6	7200

MONTH: OCT

00-02	.1	7.7				7.7	43.7	1.6			53.1	933
03-05	.5	6.5				6.5	47.6	1.0			55.1	933
06-08	1.0	7.8		.2		8.0	54.6	.5			63.1	933
09-11	.2	6.7		.4		7.1	28.8	13.9		.2	50.0	930
12-14	.4	5.8				5.8	4.4	14.0			24.2	930
15-17	.4	6.1		.1		6.2	1.2	7.4			14.8	930
18-20	.1	6.6		.2		6.8	5.6	11.9			24.3	930
21-23	.3	6.2		.1		6.3	26.3	6.1			38.8	930
ALL HOURS	.4	6.7		.1		6.8	26.6	7.0		.0	40.4	7449

A - 2 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		8.4		.2		8.7	34.3	2.9			45.9	900
03-05		9.6		.4		10.0	36.7	2.1			48.8	900
06-08	.1	9.4		1.0		10.4	41.8	1.4			53.7	900
09-11	.3	8.4		.8		9.2	29.9	14.7			53.8	900
12-14		8.3		1.0		9.3	7.2	17.2			33.8	900
15-17	.1	7.2		1.1		8.3	2.0	12.9			23.2	900
18-20		7.8		1.1		8.9	8.8	16.7			34.3	900
21-23	.1	7.8		1.7		9.4	24.3	8.0			41.8	900
ALL HOURS	.1	8.4		.9		9.3	23.1	9.5			41.9	7200

MONTH: DEC

00-02		4.8		6.2		11.1	30.4	6.6			48.1	930
03-05		3.9		5.9		9.8	32.5	5.7			48.0	930
06-08		4.0		6.8		10.8	40.0	5.2			55.9	930
09-11	.1	4.9		4.6		9.6	35.3	16.0	.1	.1	61.1	930
12-14		4.3		3.5		7.8	10.3	23.5			41.7	930
15-17		4.2		3.7		7.8	4.4	19.8			32.0	930
18-20		3.9		3.4		7.3	14.7	15.9			38.0	930
21-23		3.7		4.0		7.6	23.2	10.5			41.4	930
ALL HOURS	.0	4.2		4.8		9.0	23.9	12.9	.0	.0	45.8	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		3.6	.1	6.8		10.4	23.8	15.5	.1		49.7	7440
FEB	.0	5.3		4.5		9.7	21.2	13.1	.1		44.1	6768
MAR		8.4		1.1	.0	9.6	17.7	13.1		.3	40.6	7440
APR	.2	8.9				8.9	17.6	12.4		1.4	40.2	7200
MAY	.4	8.6				8.6	19.8	11.7		1.5	41.5	7438
JUN	.3	10.6				10.6	22.9	15.6		.0	49.1	7199
JUL	1.5	15.9				15.9	22.3	10.7			48.9	7435
AUG	1.3	12.2				12.2	21.8	7.8		.0	41.9	7440
SEP	.2	10.4				10.4	21.6	5.6			37.6	7200
OCT	.4	6.7		.1		6.8	26.6	7.0		.0	40.4	7449
NOV	.1	8.4		.9		9.3	23.1	9.5			41.9	7200
DEC	.0	4.2		4.8		9.0	23.9	12.9	.0	.0	45.8	7440
ANNUAL	.4	8.6	.0	1.5	.0	10.1	21.9	11.2	.0	.3	43.5	87649



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMPHUMPHREYS\PYONGTAEK AB, KO

PERIOD OF RECORD: 5103-5709, 6307-6312, 6808-900

LST TO UTC: -09

MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		13.1	.4	32.8	.1	40.3	59.0	61.7	1.4		85.3	734
FEB	.3	17.4	.1	24.6		37.3	56.6	59.9	.9		83.8	668
MAR	.3	27.0	.1	9.1	.1	32.6	59.1	54.2			79.4	766
APR	2.4	32.4		.3	.4	32.4	55.2	51.2			75.2	754
MAY	3.0	31.6				31.6	56.8	47.9			74.4	773
JUN	5.2	41.4			.1	41.4	68.7	51.7			82.5	754
JUL	10.5	56.5				56.5	70.1	39.9			86.4	772
AUG	9.0	45.6				45.6	63.5	36.6		.3	81.4	776
SEP	3.9	31.4			.1	31.4	66.2	37.6			76.5	716
OCT	2.4	27.1		.4	.1	27.1	66.5	44.4			78.9	705
NOV	1.9	34.7		7.7	.4	38.5	60.6	47.8			79.6	686
DEC	.1	21.8		24.5		39.0	59.5	56.9	.3		81.7	703
ANNUAL	3.3	32.0	.1	8.0	.1	37.9	61.9	49.0	.2	.0	80.4	8807

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02				.1	.2	.1	1.9	.3		.1		
03-05				.3	.3	.1	2.8	.8	.1	.5		
06-08				.1	.4	.3	1.4	1.4	.4	1.0	.1	
09-11				.1	.4	.6	.8	1.4	.1	.2	.3	.1
12-14				.3	.4	.3	1.1	.6	.1	.4		
15-17				.1	.3	.2	1.2	1.8	.7	.4	.1	
18-20		.1		.1	.3	.3	1.2	3.4	.2	.1		
21-23				.1	.4	.3	1.6	1.0	.2	.3	.1	
ALL HOURS		.0		.2	.4	.3	1.5	1.3	.2	.4	.1	.0
TOTAL OBS	7440	6768	7440	7200	7438	7199	7435	7440	7200	7449	7200	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	331 - 040	041 - 140	141 - 200	201 - 250	251 - 330	NO OF OBS
TSTMS								
LIQUID PRECIP	19.6		8.3	40.0	7.9	6.0	18.1	265
FREEZING PRECIP	60.0		20.0	20.0				5
FROZEN PRECIP	14.8		10.4	24.1	6.0	6.7	38.0	481
FOG	53.4	.1	6.4	14.9	4.5	3.6	17.1	1767
FOG WITH VIS GE 1/2 MILES	51.5	.1	6.3	15.6	4.6	3.9	18.0	1625
TOTAL OBS	2557	2	580	1245	392	355	2309	7440

MONTH: FEB HOURS: ALL

TSTMS							100.0	1
LIQUID PRECIP	13.8		12.4	41.0	5.6	4.8	22.5	356
FREEZING PRECIP								
FROZEN PRECIP	11.6		11.2	11.2	4.0	10.5	51.6	277
FOG	55.0		5.0	14.9	3.5	4.2	17.4	1433
FOG WITH VIS GE 1/2 MILES	53.5		4.6	16.0	3.6	4.6	17.7	1302
TOTAL OBS	2067	4	412	1018	294	403	2570	6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	331 - 040	041 - 140	141 - 200	201 - 250	251 - 330	NO OF OBS
TSTMS								
LIQUID PRECIP	12.5		10.6	43.4	7.8	6.4	19.4	625
FREEZING PRECIP								
FROZEN PRECIP	18.5		18.5	8.6	4.9	17.3	32.1	81
FOG	46.7		4.2	18.7	4.1	5.0	21.2	1318
FOG WITH VIS GE 1/2 MILES	45.1		4.4	19.2	4.0	5.3	22.1	1253
TOTAL OBS	1809	0	383	1344	427	691	2786	7440

MONTH: APR HOURS: ALL

TSTMS	8.3		16.7	33.3	8.3		33.3	12
LIQUID PRECIP	10.0	.2	10.5	34.7	10.5	14.5	19.7	629
FREEZING PRECIP								
FROZEN PRECIP								
FOG	48.5	.1	4.0	20.9	4.7	5.0	16.9	1265
FOG WITH VIS GE 1/2 MILES	47.3	.1	4.0	21.8	5.0	5.3	16.6	1157
TOTAL OBS	1774	14	356	1317	476	838	2425	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	331 - 040	041 - 140	141 - 200	201 - 250	251 - 330	NO OF OBS
TSTMS	3.7		7.4	40.7	22.2	11.1	14.8	27
LIQUID PRECIP	12.2	.5	6.2	43.6	11.7	10.6	15.3	615
FREEZING PRECIP								
FROZEN PRECIP								
FOG	47.9		4.4	20.2	6.0	6.2	15.3	1471
FOG WITH VIS GE 1/2 MILES	47.6		4.5	19.7	6.2	6.4	15.7	1391
TOTAL OBS	1818	9	381	1423	537	1021	2249	7438

MONTH: JUN HOURS: ALL

TSTMS	14.3			23.8	28.6	9.5	23.8	21
LIQUID PRECIP	16.0		7.0	41.6	11.4	10.8	13.2	743
FREEZING PRECIP								
FROZEN PRECIP								
FOG	54.9		4.5	16.9	6.1	5.5	12.1	1651
FOG WITH VIS GE 1/2 MILES	54.1		4.7	17.1	6.2	5.6	12.3	1601
TOTAL OBS	2034	1	435	1609	518	676	1926	7199

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	331 - 040	041 - 140	141 - 200	201 - 250	251 - 330	NO OF OBS
TSTMS	12.6		8.1	25.2	18.0	13.9	17.1	111
LIQUID PRECIP	16.7		6.8	38.6	16.2	14.6	7.1	1093
FREEZING PRECIP								
FROZEN PRECIP								
FOG	53.1		3.2	19.4	7.2	8.6	8.4	1660
FOG WITH VIS GE 1/2 MILES	52.7		3.2	19.5	7.3	8.8	8.5	1622
TOTAL OBS	2003	1	319	1863	945	1017	1282	7430

MONTH: AUG HOURS: ALL

TSTMS	7.0		8.0	29.0	27.0	13.0	16.0	100
LIQUID PRECIP	12.1		11.0	44.0	16.2	8.6	8.0	825
FREEZING PRECIP								
FROZEN PRECIP								
FOG	61.5		2.0	20.4	6.8	4.6	4.8	1626
FOG WITH VIS GE 1/2 MILES	60.5		2.0	20.5	7.0	4.9	5.1	1539
TOTAL OBS	2148	1	436	2218	787	701	1149	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	331 - 040	041 - 140	141 - 200	201 - 250	251 - 330	NO OF OBS
TSTMS	17.6		17.6	35.3	5.9	5.9	17.6	17
LIQUID PRECIP	15.3		13.1	50.7	5.7	8.2	7.0	732
FREEZING PRECIP								
FROZEN PRECIP								
FOG	63.3		2.1	25.6	3.2	1.8	4.0	1562
FOG WITH VIS GE 1/2 MILES	62.3		2.0	26.1	3.4	1.9	4.3	1451
TOTAL OBS	2355	7	500	2311	408	400	1219	7200

MONTH: OCT HOURS: ALL

TSTMS	6.9		3.4	37.9	17.2	17.2	17.2	29
LIQUID PRECIP	13.6	.6	17.4	31.6	7.9	8.8	20.1	478
FREEZING PRECIP								
FROZEN PRECIP		10.0			30.0	20.0	40.0	10
FOG	62.3		4.0	24.5	3.6	1.1	4.5	1986
FOG WITH VIS GE 1/2 MILES	60.7		3.7	26.0	3.6	1.0	4.9	1718
TOTAL OBS	2526	30	569	1711	416	465	1732	7449

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	331 - 040	041 - 140	141 - 200	201 - 250	251 - 330	NO OF OBS
TSTMS				33.3	50.0	16.7		6
LIQUID PRECIP	13.9		10.5	35.5	11.2	9.2	19.7	598
FREEZING PRECIP								
FROZEN PRECIP	42.9		12.5	5.4	5.4		33.9	56
FOG	55.6		7.1	23.4	5.0	1.7	7.1	1665
FOG WITH VIS GE 1/2 MILES	53.1		7.3	24.6	5.5	1.9	7.6	1441
TOTAL OBS	2212	0	695	1529	484	448	1832	7200

MONTH: DEC HOURS: ALL

TSTMS			100.0					1
LIQUID PRECIP	21.2		6.4	29.5	9.3	7.1	26.6	312
FREEZING PRECIP								
FROZEN PRECIP	24.1		17.2	16.0	11.3	3.8	27.6	319
FOG	56.8	.2	4.8	18.9	4.8	2.8	11.9	1776
FOG WITH VIS GE 1/2 MILES	55.6	.2	4.9	19.4	4.9	2.9	12.1	1672
TOTAL OBS	2684	13	664	1192	565	341	1981	7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	331 - 040	041 - 140	141 - 200	201 - 250	251 - 330	NO OF OBS
TSTMS	9.5		8.0	29.5	21.2	14.2	17.5	325
LIQUID PRECIP	14.4	.1	9.8	40.3	11.0	9.9	14.5	7271
FREEZING PRECIP	60.0		20.0	20.0				5
FROZEN PRECIP	17.9	.1	12.9	17.0	7.0	7.3	37.8	1224
FOG	55.3	.0	4.3	20.0	5.0	4.1	11.3	19180
FOG WITH VIS GE 1/2 MILES	54.0	.0	4.3	20.5	5.1	4.3	11.7	17772
TOTAL OBS	25987	82	5730	18780	6249	7356	23460	87644



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN YEAR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	57.5	61.8	66.5	64.7	66.3	58.0	39.9	51.8	64.9	70.6	58.9	58.6	59.9
TRACE	20.8	18.5	11.5	10.2	10.0	12.3	15.2	9.9	8.0	6.7	11.8	19.0	12.7
.01	2.3	1.5	2.3	1.2	1.6	1.9	2.7	1.1	1.8	1.5	1.2	2.5	1.8
.02-.05	6.3	6.2	5.2	5.3	3.3	4.5	6.9	5.5	3.8	5.7	7.2	6.3	5.5
.06-.10	4.2	3.8	3.1	3.1	2.2	3.2	4.6	3.2	2.7	3.4	5.3	3.6	3.5
.11-.25	5.0	4.1	3.7	4.2	4.9	5.6	6.8	6.8	4.1	5.2	7.7	5.4	5.3
.26-.50	2.8	2.3	3.2	4.0	4.6	3.7	5.3	4.7	4.3	3.2	4.0	3.2	3.8
.51-1.00	1.1	1.1	3.1	3.6	3.7	5.2	6.3	6.8	4.9	2.2	3.2	1.3	3.6
1.01-2.50		.7	1.5	3.2	3.2	4.7	9.3	7.8	4.8	1.1	.7		3.2
2.51-5.00				.5	.2	.9	2.5	2.5	.5	.1			.6
5.01-10.00							.4	.1	.3	.1			.1
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	21.7	19.7	22.0	25.2	23.7	29.7	44.9	38.3	27.1	22.6	29.3	22.4	27.4
TOTAL NO. OF OBSERVATIONS	784	710	814	807	820	804	824	856	790	786	752	773	9520

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51			1.28*	.88	6.20	1.16	3.89	10.12	4.16	.66	2.79	1.24	32.38*
52	.21	.43	1.74	3.19	.17	2.77	9.74	5.23	5.37	2.13	2.22	.77	33.97
53	.33	.20	3.40	2.42	3.17	7.95	13.72	6.87	1.71	1.80	.63	1.66	43.86
54	1.00	3.68	.23	2.94	3.38	4.16	16.49	10.11	3.06	1.92	.55	1.37	48.89
55	.80	.16	1.14	2.01	1.96	7.03	10.68	4.16	6.17	1.67	2.51	.65	38.94
56	.57	.46	5.39	4.02	3.16	11.59	14.39	5.52*	*	*	*	*	45.10*
57	*	*	*	*	*	*	*	*	*	*	*	*	.00*
63							*	*	*	*	*	*	.00*
68								10.81*	4.46*	3.06*	.95*	.16*	19.44*
69	1.76*	.39*	.66*	4.61	.86*	.39*	6.53*	9.61*	7.03*	.15*	1.06*	.78*	33.83*
70	.15*	1.75*	.05*	2.04*	1.77*	3.54*	9.65*	6.00*	13.27*	3.46*	1.47*	.40*	43.55*
71	.81*	.80*	2.21*	1.73*	3.85*	6.39*	19.44*	5.85*	4.26*	.32*	.31*	.85*	46.82*
72	2.51*	1.03*	3.39*	1.36*	3.89*	.92*	9.22*	19.86*	3.01*	.76*	4.05*	.24*	50.24*
73	1.34*	.24*	.04*	4.57*	2.24*	5.50*	2.83*	5.45*	3.89*	.61*	.90*	.12*	27.73*
74	.28*	.80*	1.71*	7.32*	7.95*	2.07*	10.55*	5.92*	1.99*	1.96*	.49*	.62*	41.66*
75	.26*	.13*	4.08*	4.56*	2.76*	1.66*	9.26*	6.88*	5.22*	1.99*	1.27*	.87*	38.94*
76	.13*	2.96*	.09*	3.48*	.79*	2.69*	4.42*	17.73*	.85*	1.35*	1.71*	1.32*	37.52*
77	.06*	TRACE*	1.19	9.64	2.29	2.19	8.20	3.28	4.39	.17	3.20	1.94	36.55*
78	.36	1.04	2.10	.20	1.17	6.89	9.42	15.01	1.72	1.34	.40	1.34	40.99
79	.71	1.79	2.19	5.92	3.76	12.60	7.43	7.42	4.40	2.07	.86	.84	49.99
80	1.78	.39	1.64	7.48	3.74	10.52	13.18	7.16	2.30	3.61	.89	2.79	55.48
81	1.82	.49	1.18	1.72	2.12	2.07	15.68	9.73	4.60	1.94	1.42	.34	43.11
82	1.04	.38	2.67	.56	5.04	.74	6.01	7.59	.06	2.06	5.05	1.50	32.70
83	.64	.95	1.36	3.55	2.49	3.87	7.43	7.28	5.51	1.89	1.37	.27	36.61
84	.51	.57	.65	2.66	1.63	3.09	13.02	10.38	12.77	.78	2.70	1.25	50.01
85	1.43	1.00	2.57	2.59	9.16	2.87	7.29	9.07	7.00	10.38	4.19	1.23	58.78
86	.53	.55	1.15	2.45	4.90	6.17	9.51	11.70	7.16	4.03	1.71	1.14	51.00
87	2.18	1.57	1.51	2.41	2.82	4.90	15.45	20.69	1.08	1.11	3.23	.35	57.30
88	.50	TRACE	1.47	1.51	2.26	1.84	10.31	4.83	1.83	.21	.75	.83	26.34
89	2.02	1.47	3.05	.81	1.94	4.92	7.13	5.56	8.06	1.71	2.60	.78	40.05
90	1.99	3.54	2.93	2.97	3.23	11.79	10.71	8.57	13.90				59.63*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.21	TRACE	.23	.20	.17	.74	3.89	3.28	.06	.17	.40	.27	26.34
GREATEST	2.51	3.68	5.39	9.64	9.16	12.60	19.44	20.69	13.90	10.38	5.05	2.79	59.63
MEAN	1.02	1.04	1.98	3.07	3.23	5.46	10.48	8.67	5.01	2.19	2.06	1.13	44.25
MEDIAN	.76	.56	1.64	2.59	2.99	4.53	10.03	7.59	4.40	1.85	1.97	1.19	43.49
SD	.664	1.061	1.181	2.299	1.971	3.741	3.545	4.069	3.677	2.270	1.333	.623	9.370
TOTAL OBS	784	710	814	807	820	804	824	856	790	786	752	773	9520

THE GREATEST VALUE OF 20.69 OCCURRED ON 08/87

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51			.70*	.36	2.08	1.05	1.49	3.15	2.20	.24	.54	.72	3.15*
52	.13	.12	.86	1.45	.13	1.25	4.60	1.52	1.35	.70	1.11	.30	4.60
53	.13	.11	1.24	2.29	.67	2.08	5.34	1.95	1.50	.94	.18	.56	5.34
54	.28	1.45	.12	1.37	1.04	1.05	3.56	4.89	1.14	.66	.41	.55	4.89
55	.44	.16	.58	1.29	.85	2.66	1.97	1.66	1.94	.59	1.44	.32	2.66
56	.23	.21	1.28	1.57	1.32	4.35	2.54	2.15*	*	*	*	*	4.35*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
63							*	*	*	*	*	*	*
68								3.10*	2.28*	1.34*	.40*	.11*	3.10*
69	.69*	.25*	.50*	1.98	.45*	.29*	2.09*	2.98*	1.90*	.10*	.65*	.18*	2.98*
70	.15*	.89*	.03*	1.04*	1.10*	1.27*	4.55*	3.68*	2.33*	2.90*	.70*	.35*	4.55*
71	.48*	.35*	1.25*	1.20*	1.69*	2.33*	4.50*	2.43*	1.28*	.19*	.10*	.38*	4.50*
72	.80*	.35*	1.28*	.58*	1.90*	.72*	2.22*	6.96*	2.17*	.27*	.67*	.12*	6.96*
73	.79*	.15*	.04*	1.35*	1.26*	1.30*	1.15*	2.09*	1.66*	.42*	.38*	.05*	2.09*
74	.25*	.37*	.88*	3.48*	3.02*	.98*	7.10*	1.66*	1.07*	.98*	.20*	.32*	7.10*
75	.13*	.08*	1.10*	1.26*	.93*	.42*	4.49*	4.31*	1.76*	.61*	.48*	.67*	4.49*
76	.10*	1.60*	.06*	1.29*	.47*	1.22*	1.25*	3.04*	.67*	.48*	.55*	.45*	3.04*
77	.04*	TRACE*	.45	3.91	1.09	1.60	3.16	1.44	2.36	.15	.79	.64	3.91*
78	.09	.65	1.40	.08	.64	3.68	2.60	4.68	.59	.64	.11	.61	4.68
79	.39	.97	1.20	3.01	1.24	3.01	2.25	2.77	1.55	.85	.67	.40	3.01
80	.70	.15	.93	3.21	1.57	3.28	3.90	2.28	1.97	1.46	.43	.53	3.90
81	.93	.21	.50	.49	.61	.60	3.60	3.47	2.31	.48	.76	.16	3.60
82	.73	.19	1.02	.51	1.80	.52	2.84	1.75	.04	1.62	2.36	.32	2.84
83	.32	.22	.59	1.35	1.60	2.40	2.44	1.72	.97	.71	.44	.14	2.44
84	.32	.32	.28	1.03	1.57	1.04	5.53	2.23	7.55	.30	1.09	.36	7.55
85	.40	.35	1.49	1.07	3.88	2.51	1.90	1.88	1.67	6.22	.97	.85	6.22
86	.42	.18	.37	1.68	1.54	1.69	3.66	3.89	3.40	1.48	.81	.53	3.89
87	.90	.78	.42	1.16	1.46	2.36	3.18	3.66	.61	.52	.99	.25	3.66
88	.25	TRACE	1.02	.84	1.39	1.23	1.65	1.62	1.16	.17	.27	.36	1.65
89	.68	1.07	2.14	.55	.66	2.28	2.42	2.36	2.64	1.03	.84	.24	2.64
90	.47	1.12	1.02	1.15	.84	4.41	2.81	2.73	6.33				6.33*

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--------

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	.93	1.60	2.14	3.91	3.88	4.41	7.10	6.96	7.55	6.22	2.36	.85	7.55
TOTAL OBS	784	710	814	807	820	804	824	856	790	786	752	773	9520

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	65.4	75.4	89.8	99.5	100.0	100.0	100.0	100.0	100.0	99.6	92.3	73.5	91.8
TRACE	21.7	15.0	7.5	.5						.2	6.0	17.5	5.4
0.1-0.4	4.3	3.5	1.2							.1	.3	3.1	1.0
0.5-1.4	4.1	3.9	.9								1.2	3.9	1.1
1.5-2.4	2.0	.8	.2								.1	1.6	.4
2.5-3.4	1.0	.8	.2									.4	.2
3.5-4.4	.8	.3									.1	.1	.1
4.5-6.4	.5	.1	.1										.1
6.5-10.4	.1												.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	12.9	9.6	2.7							.1	1.7	9.1	2.8
TOTAL NO. OF OBSERVATIONS	783	712	816	837	851	834	856	886	831	818	778	773	9775

B - 3 - 1

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
LST TO UTC: -09 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51			TRACE*	.0	.0	.0	.0	.0	.0	.0	.7	.8	1.5*
52	.6	6.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	9.0
53	3.4	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.9
54	5.9	3.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.6
55	8.7	.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9.5
56	7.5	6.1	1.1	TRACE	.0	.0	.0	.0*	.0	.0	.0*	*	14.7*
57	*	*	*	.0	.0	.0	.0	.0	.0*				.0*
63							*	*	*	*	*	*	.0*
68								.0*	.0*	.0	1.0*	.4*	1.4*
69	8.7*	2.0*	6.5*	TRACE	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	5.1*	22.3*
70	1.6*	TRACE*	2.5*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	4.1*
71	1.0*	2.1*	3.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	2.1*	9.3*
72	3.4*	4.1*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	5.5*	TRACE*	13.0*
73	.6*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.2*	.8*
74	.7*	2.6*	2.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.7*	6.0*	12.1*
75	.9*	3.0*	.4*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.3*	6.6*
76	3.5*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	.8*	5.3*
77	.7*	TRACE*	.5	TRACE	.0	.0	.0	.0	.0	.0	1.1	2.0	4.3*
78	4.4	2.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	7.7
79	5.8	1.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.7	10.4
80	10.4	5.4	.3	.0	.0	.0	.0	.0	.0	.1	TRACE	13.0	29.2
81	23.4	3.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	1.6	28.3
82	.5	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4	5.0
83	2.9	6.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	2.7	12.8
84	5.1	1.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	6.9	18.5
85	13.9	7.7	TRACE	.0	.0	.0	.0	.0	.0	.0	3.7	1.7	27.0
86	5.4	6.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	12.4
87	6.8	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.5	12.3
88	3.0	TRACE	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1	8.2
89	.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.4	5.2
90	9.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0				9.3*

B - 3 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.9
GREATEST	23.4	7.7	6.5	TRACE	.0	.0	.0	.0	.0	.1	5.5	13.0	29.2
MEAN	6.5	3.2	.4	TRACE	.0	.0	.0	.0	.0	.0	.3	2.7	13.1
MEDIAN	5.6	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9	10.0
SD	5.509	2.728	1.252	.000	.000	.000	.000	.000	.000	.022	.891	3.114	8.212
TOTAL OBS	783	712	816	837	851	934	856	886	831	818	778	773	9775

THE GREATEST VALUE OF 23.4 OCCURRED ON 01/81

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 2B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
LST TO UTC: -09 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51			TRACE*	.0	.0	.0	.0	.0	.0	.0	.7	.7	.7*
52	.3	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	2.8
53	1.3	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.3
54	2.7	3.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.7
55	4.4	.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.4
56	2.8	4.9	.7	TRACE	.0	.0	.0	.0*	.0	.0	.0*	*	4.9*
57	*	*	*	.0	.0	.0	.0	.0	.0*				.0*
63							*	*	*	*	*	*	*
68								.0*	.0*	.0	1.0*	.4*	1.0*
69	4.5*	2.0*	5.0*	TRACE	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.0*	5.0*
70	1.6*	TRACE*	1.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	1.6*
71	.7*	1.0*	3.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	2.0*	3.1*
72	2.1*	3.1*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	2.2*	TRACE*	3.1*
73	.5*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.2*	.5*
74	.6*	1.0*	1.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.7*	1.7*	1.7*
75	.7*	3.0*	.4*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	1.8*	3.0*
76	3.5*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	.5*	3.5*
77	.7*	TRACE*	.5	TRACE	.0	.0	.0	.0	.0	.0	1.1	2.0	2.0*
78	2.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	2.0
79	4.8	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.4	4.8
80	5.3	2.4	.3	.0	.0	.0	.0	.0	.0	.1	TRACE	3.5	5.3
81	9.0	2.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	1.0	9.0
82	.5	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.8	1.1
83	1.4	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	1.4	2.5
84	3.2	.7	2.8	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.2
85	3.5	3.7	TRACE	.0	.0	.0	.0	.0	.0	.0	3.7	1.0	3.7
86	2.2	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	3.0
87	3.3	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.3
88	2.5	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	3.2
89	.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	2.4
90	3.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0				3.6*

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	9.0	4.9	5.0	TRACE	.0	.0	.0	.0	.0	.1	3.7	3.5	9.0
TOTAL OBS	783	712	816	837	851	834	856	886	831	818	778	773	9775

THE GREATEST VALUE OF 9.0 OCCURRED ON 01/01/81

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	63.9	73.1	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3	83.0	93.1
TRACE	17.1	12.0	3.3								1.7	8.6	3.4
1	7.1	4.0	.8								.7	3.8	1.3
2	3.1	3.4	.4								.1	1.8	.7
3	2.7	3.1	.2								.1	1.1	.6
4-6	3.8	3.1										1.6	.7
7-12	2.2	.9										.1	.3
13-24	.1	.3											.0
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	19.0	14.8	1.4								1.0	8.4	3.5
TOTAL NO. OF OBSERVATIONS	817	741	848	837	851	834	871	914	861	849	816	837	10076



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51			0*	0	0	0	0	0	0	0	0	1	1*
52	TRACE	2	0	0	0	0	0	0	0	0	0	1	2
53	2	1	0	0	0	0	0	0	0	0	0	TRACE	2
54	2	4	0	0	0	0	0	0	0	0	0	TRACE	4
55	4	TRACE	0	0	0	0	0	0	0	0	0	0	4
56	3	5	TRACE	0	0	0	0	0*	0	0	TRACE	0	5*
57	4	9	TRACE	0	0	0	0	0	0*				9*
63							0*	0	0	0	TRACE	0	TRACE*
68								0*	0*	0	1*	2*	2*
69	13*	14*	3*	0	0*	0*	0*	0*	0*	0*	0*	3*	14*
70	1*	0*	1*	0*	0*	0*	0*	0*	0*	0*	TRACE*	TRACE*	1*
71	3*	1*	1*	0*	0*	0*	0*	0*	0*	0*	1*	0*	3*
72	TRACE*	4*	0*	0*	0*	0*	0*	0*	0*	0*	2*	0*	4*
73	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*	2*	2*
74	5*	1*	1*	0*	0*	0*	0*	0*	0*	0*	1*	1*	5*
75	TRACE*	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0*	2*	2*
76	4*	0*	0*	0*	0*	0*	0*	0*	0*	0*	1*	4*	4*
77	TRACE*	TRACE*	TRACE	0	0	0	0	0	0	0	0	TRACE	1*
78	2	1	TRACE	0	0	0	0	0	0	0	0	0	2
79	5	5	0	0	0	0	0	0	0	0	0	0	5
80	5	7	0	0	0	0	0	0	0	0	0	7	7
81	12	7	0	0	0	0	0	0	0	0	0	1	12
82	1	0	0	0	0	0	0	0	0	0	0	1	1
83	1	2	TRACE	0	0	0	0	0	0	0	0	2	2
84	3	TRACE	3	0	0	0	0	0	0	0	0	4	4
85	5	3	0	0	0	0	0	0	0	0	3	1	5
86	3	3	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	3
87	1	2	1	0	0	0	0	0	0	0	0	3	3
88	3	TRACE	1	0	0	0	0	0	0	0	TRACE	3	3
89	0	0	0	0	0	0	0	0	0	0	0	4	4
90	7	7	0	0	0	0	0	0	0				7*

B - 4 - 2A

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	13*	14*	3*	0*	0*	0*	0*	0*	0*	0*	3*	7*	14*
TOTAL OBS	817	741	848	837	851	834	871	914	861	849	816	837	10076

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
50 - 51	MAR 22			MAR 22		
51 - 52	NOV 25	NOV 27	DEC 30	MAR 23	FEB 26	FEB 26
52 - 53	NOV 07	DEC 21	DEC 27	MAR 25	FEB 07	FEB 07
53 - 54	DEC 10	DEC 23	JAN 14	MAR 14	FEB 01	FEB 04
54 - 55	DEC 02	JAN 04	JAN 09	MAR 19	FEB 19	JAN 18
55 - 56	NOV 05	JAN 10	JAN 10	APR 07	MAR 11	FEB 13
56 - 57			JAN 14			FEB 24
68 - 69	NOV 08	NOV 08	NOV 08	APR 04	MAR 16	MAR 05
69 - 70	NOV 17	DEC 02	DEC 02	MAR 24	MAR 23	MAR 16
70 - 71	DEC 01	JAN 04	JAN 04	MAR 17	MAR 16	MAR 16
71 - 72	NOV 29	NOV 29	NOV 29	MAR 31	FEB 23	FEB 04
72 - 73	NOV 21	NOV 24	NOV 24	MAR 16	JAN 06	JAN 09
73 - 74	NOV 20	DEC 22	DEC 22	MAR 22	MAR 21	MAR 12
74 - 75	NOV 21	NOV 23	NOV 23	MAR 06	MAR 06	DEC 21
75 - 76	NOV 24	DEC 19	DEC 19	MAR 23	JAN 22	JAN 24
76 - 77	NOV 17	NOV 22	NOV 22	APR 18	MAR 24	JAN 06
77 - 78	NOV 19	NOV 29	JAN 02	MAR 12	FEB 28	FEB 28
78 - 79	NOV 15	DEC 02	JAN 15	MAR 24	FEB 27	FEB 06
79 - 80	NOV 12	DEC 21	JAN 08	MAR 23	MAR 22	FEB 18
80 - 81	OCT 25	OCT 25	DEC 03	FEB 26	FEB 24	FEB 24
81 - 82	OCT 23	NOV 30	DEC 19	MAR 16	FEB 04	JAN 18
82 - 83	NOV 24	DEC 10	DEC 17	MAR 17	FEB 19	FEB 19
83 - 84	NOV 16	NOV 25	DEC 24	MAR 27	MAR 20	MAR 21
84 - 85	DEC 01	DEC 18	DEC 18	MAR 07	FEB 23	FEB 24
85 - 86	NOV 11	NOV 11	NOV 11	MAR 01	FEB 27	FEB 27

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 - 87	NOV 30	DEC 27	JAN 02	MAR 25	FEB 28	MAR 01
87 - 88	DEC 01	DEC 03	DEC 03	MAR 08	MAR 08	MAR 08
88 - 89	NOV 10	DEC 10	DEC 10	MAR 16	JAN 26	DEC 11
89 - 90	NOV 18	DEC 23	DEC 24	MAR 17	JAN 31	FEB 09

MEDIAN-DATE	NOV 19	DEC 03	DEC 20	MAR 20	FEB 27	FEB 18
-------------	--------	--------	--------	--------	--------	--------

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

## PART C

### SURFACE WIND SUMMARIES

#### PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

#### WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
51			*	*	*	*	*	*	*	*	*	*	*
52	*	*	*	*	*	*	*	*	*	*	*	*	*
53	*	*	*	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*	*	*	*
56	*	*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
63							*	*	*	*	*	*	*
68								*	*	*	*	*	*
69	*	*	30/*30	29/*42	*	*	*	*	*	*	*	*	29/*42
70	*	*	*	*	*	*	*	*	*	*	*	*	*
71	*	*	*	*	*	*	*	*	*	*	*	*	*
72	*	*	*	*	*	*	*	*	*	*	*	*	*
73	*	*	*	*	*	*	*	*	*	*	*	*	*
74	*	*	*	*	*	*	*	*	*	*	*	*	*
75	*	*	*	*	*	*	*	*	*	*	*	*	*
76	*	*	*	*	*	*	*	*	*	*	*	*	*
77	*	*	*	*	*	*	*	*	*	*	*	*	*
78	*	*	*	*	*	*	*	*	*	*	*	*	*
79	*	*	*	*	*	*	*	*	*	*	*	*	*
80	*	*	*	*	*	*	*	*	*	*	*	35/ 20	35/*20
81	29/*15	31/ 27	29/*30	29/ 20	26/ 39	21/ 34	*	*	*	*	*	*	26/*39
82	*	*	*	*	*	*	*	*	*	*	*	*	*
83	*	*	*	*	*	*	*	*	*	*	*	*	*
84	*	*	*	*	*	*	*	*	*	*	*	*	*
85	*	*	*	*	*	*	*	*	*	*	*	*	*
86	*	*	*	*	*	*	*	*	*	*	*	*	*
87	*	*	*	*	*	*	*	*	*	*	*	*	*
88	*	*	*	*	*	*	*	*	*	*	*	*	*
89	*	*	*	25/ 26	27/ 26	10/ 25	13/ 38	14/ 34	19/ 36	31/ 25	29/*37	28/ 24	13/*38
90	30/ 19	12/ 23	27/ 29	27/ 28	11/ 26	25/ 22	23/ 30	07/ 22	21/ 32				21/*32

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

GREATEST	30/ 19	31/ 27	30/ 30	29/ 42	26/ 39	21/ 34	13/ 38	14/ 34	19/ 36	31/ 25	29/ 37	28/ 24	29/ 42
TOTAL OBS	58	56	59	91	93	89	62	62	60	31	25	62	748

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS, PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709, 6307-6312, 6808-9009  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	13.8	36.2	32.8	17.2	.0	.0	.0	.0	.0	.0	.0	9.7	9.5	58
FEB	8.9	39.3	28.6	14.3	7.1	1.8	.0	.0	.0	.0	.0	10.8	10.0	56
MAR	3.4	22.0	44.1	16.9	5.1	5.1	3.4	.0	.0	.0	.0	13.2	12.0	59
APR	.0	24.2	30.8	20.9	13.2	9.9	.0	.0	1.1	.0	.0	15.2	14.0	91
MAY	.0	22.6	32.3	23.7	12.9	5.4	2.2	1.1	.0	.0	.0	14.8	14.0	93
JUN	3.4	39.3	30.3	19.1	5.6	1.1	1.1	.0	.0	.0	.0	11.6	11.0	89
JUL	1.6	19.4	45.2	21.0	8.1	1.6	1.6	1.6	.0	.0	.0	13.5	12.0	62
AUG	3.2	25.8	45.2	17.7	4.8	.0	3.2	.0	.0	.0	.0	12.1	11.0	62
SEP	.0	28.3	41.7	23.3	1.7	1.7	1.7	1.7	.0	.0	.0	12.9	12.0	60
OCT	.0	32.3	35.5	22.6	6.5	3.2	.0	.0	.0	.0	.0	12.4	12.0	31
NOV	4.0	32.0	32.0	20.0	8.0	.0	.0	4.0	.0	.	.0	12.7	12.0	25
DEC	9.7	33.9	35.5	16.1	4.8	.0	.0	.0	.0	.0	.0	10.6	10.0	62
ANNUAL	3.7	29.1	35.8	19.5	7.0	2.9	1.2	.5	.1	.0	.0	12.6	12.0	748

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.0	.1									5.4	4.2	4.0
020-040	2.2	.2										2.4	2.9	2.0
050-070	2.6	1.3										3.9	3.7	3.0
(E) 080-100	5.3	1.0	.2									6.5	3.4	3.0
110-130	4.1	.3										4.4	2.9	3.0
140-160	2.4	.8										3.1	3.2	3.0
(S) 170-190	1.5											1.5	2.1	2.0
200-220	1.1	.3										1.4	3.5	3.0
230-250	1.6	2										1.8	2.8	2.0
(W) 260-280	1.8	1.0	.4	.1	.1							3.4	5.9	4.0
290-310	3.5	2.3	2.3	.1	.1							8.3	6.6	6.0
320-340	3.8	4.9	1.2	.3								10.2	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											47.7	////////////////////////////////	
TOTALS	33.1	14.3	4.2	.5	.2							100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 510

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.0										3.2	3.8	3.5
020-040	1.5	.6										2.2	3.3	2.5
050-070	2.2	1.7	.1									4.0	4.6	4.0
(E) 080-100	5.6	1.6	.2									7.4	3.7	3.0
110-130	3.7	.6										4.3	3.2	3.0
140-160	3.0	.4										3.4	2.9	2.0
(S) 170-190	1.3	.2										1.5	3.0	3.0
200-220	.8		.1									.9	3.5	2.0
230-250	.5	.1										.6	3.2	2.0
(W) 260-280	2.4	1.4	.3		.1							4.2	4.8	4.0
290-310	4.4	2.5	1.8	.3								9.0	6.1	5.0
320-340	3.4	3.2	1.0	.1								7.7	5.8	5.5
VARIABLE														
CALM	////////////////////////////////////											51.5	////////	
TOTALS	31.1	13.3	3.5	.4	.1							100.0	2.2	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	1.4										5.6	3.3	2.5
020-040	2.6	.1										2.7	2.6	2.0
050-070	3.4	1.7	.2									5.4	4.2	3.5
(E) 080-100	7.0	2.3	.1									9.4	3.7	3.0
110-130	5.3	1.1	.1									6.5	3.4	3.0
140-160	1.7	1.0										2.7	3.8	4.0
(S) 170-190	.9	.5										1.4	3.9	3.0
200-220	.3											.3	2.0	2.0
230-250	.8	.2	.1									1.1	3.6	2.0
(W) 260-280	2.0	.8	.2									3.0	4.3	4.0
290-310	3.2	1.9	1.9									7.1	6.1	5.0
320-340	3.1	1.9	1.0									6.0	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											48.9	////////////////////////////////	
TOTALS	34.5	12.9	3.6									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.6	.4									4.6	4.8	4.0
020-040	2.2		.1									2.3	2.9	2.0
050-070	3.0	2.0	.2									5.3	4.5	4.0
(E) 080-100	7.6	3.2	.1									11.0	3.8	4.0
110-130	6.6	2.2	.2									8.9	3.8	3.0
140-160	3.0	1.9	.2									5.2	4.7	4.0
(S) 170-190	1.7	.8	.3									2.8	4.4	3.5
200-220	1.1	.5										1.6	3.9	3.0
230-250	1.2	.4										1.6	3.7	3.0
(W) 260-280	3.0	1.6										4.6	3.9	4.0
290-310	3.4	3.1	1.8	.2								8.6	6.4	6.0
320-340	4.3	4.6	2.4	.2								11.5	6.3	6.0
VARIABLE	.1											.1	1.0	1.0
CALM	////////////////////////////////////											31.9	////////	
TOTALS	39.8	21.9	5.7	.4								100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	.5	.1									3.8	3.4	3.0
020-040	1.3	.1										1.4	2.9	3.0
050-070	1.7	2.2	.1									4.0	4.9	5.0
(E) 080-100	3.8	2.8	.1									6.7	4.3	4.0
110-130	1.6	1.5										3.1	4.6	4.0
140-160	3.9	2.5										6.3	4.3	4.0
(S) 170-190	1.9	1.3	.3									3.5	4.8	4.0
200-220	1.4	1.1	.2									2.7	5.1	4.0
230-250	3.2	1.8	.8									5.8	5.4	4.0
(W) 260-280	6.6	5.4	2.8	.1								14.8	5.9	5.0
290-310	4.9	8.5	6.5	.6	.1							20.6	7.5	8.0
320-340	4.3	5.2	4.3	.5								14.3	7.1	6.0
VARIABLE	.1											.1	2.0	2.0
CALM	////////////////////////////////////											12.8	////////	
TOTALS	37.8	32.9	15.2	1.2	.1							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.5										2.4	3.8	4.0
020-040	1.5	.5										2.0	3.9	4.0
050-070	1.8	1.9										3.8	4.5	5.0
(E) 080-100	3.0	1.5	.1									4.6	4.4	4.0
110-130	1.7	1.0										2.7	4.0	3.0
140-160	1.4	.4										1.8	3.2	3.0
(S) 170-190	1.2	.2	.1									1.5	4.0	3.5
200-220	1.5	.8	.4									2.7	5.0	4.0
230-250	2.6	3.4	1.5	.2								7.7	6.3	6.0
(W) 260-280	8.8	8.9	4.0	.2								21.9	6.0	6.0
290-310	4.9	11.8	9.0	.5								26.3	7.7	8.0
320-340	4.2	4.4	4.7	.3								13.7	7.3	8.0
VARIABLE														
CALM	////////////////////////////////////											8.8	////////	
TOTALS	34.4	35.3	19.8	1.2								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.3										1.8	3.1	2.0
020-040	.9	.2										1.1	3.6	3.0
050-070	1.2	1.0										2.2	3.9	2.5
(E) 080-100	2.6	1.0										3.5	3.3	3.0
110-130	2.4	.8	.1									3.2	3.9	4.0
140-160	2.4	.1										2.5	2.6	2.0
(S) 170-190	3.2	.6										3.9	2.9	2.0
200-220	2.3	.5	.1									2.9	3.7	3.0
230-250	3.3	1.6	.2									5.2	4.1	4.0
(W) 260-280	10.3	4.2	1.1	.4								16.0	4.5	4.0
290-310	9.4	8.8	3.2									21.4	5.6	5.0
320-340	4.6	2.5	1.9									9.0	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											27.3	////////	
TOTALS	44.1	21.6	6.6	.4								100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.5	.4									2.7	4.8	4.0
020-040	1.6	.4										2.0	3.2	3.0
050-070	2.7	.6										3.3	3.4	3.0
(E) 080-100	4.2	1.6										5.8	3.5	3.0
110-130	3.1	.6	.1									3.9	3.4	3.0
140-160	2.9	.2										3.1	2.5	2.0
(S) 170-190	3.3	.2										3.5	2.5	2.0
200-220	1.4	1.0										2.4	4.1	3.0
230-250	3.0	.9	.2									4.1	3.9	3.5
(W) 260-280	3.0	1.7	.5	.1								5.4	4.8	4.0
290-310	2.2	3.7	2.6	.4	.1							8.9	7.7	7.0
320-340	2.9	3.8	2.3									8.9	6.7	7.0
VARIABLE														
CALM	////////////////////////////////////											45.9	////////////////////////////////	
TOTALS	32.0	15.2	6.1	.5	.1							100.0	2.6	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.0	.1									3.7	3.9	4.0
020-040	1.7	.3	.0									2.0	3.1	2.0
050-070	2.3	1.6	.1									4.0	4.3	4.0
(E) 080-100	4.9	1.9	.1									6.9	3.8	3.0
110-130	3.5	1.0	.1									4.6	3.6	3.0
140-160	2.6	.9	.0									3.5	3.6	3.0
(S) 170-190	1.9	.5	.1									2.5	3.5	3.0
200-220	1.2	.5	.1									1.9	4.2	4.0
230-250	2.0	1.1	.3	.0								3.5	4.8	4.0
(W) 260-280	4.7	3.1	1.2	.1	.0							9.2	5.3	4.0
290-310	4.5	5.3	3.6	.3	.0							13.8	6.8	6.0
320-340	3.8	3.8	2.3	.2								10.2	6.4	6.0
VARIABLE	.0											.0	1.5	1.5
CALM	////////////////////											34.4	////////////////	
TOTALS	35.7	21.0	8.0	.6								100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.0	.6									3.6	2.8	2.0
020-040	2.6	.4									3.0	2.9	2.0
050-070	3.1	2.1									5.2	3.9	3.0
(E) 080-100	4.9	2.4									7.3	3.7	3.0
110-130	3.1	1.0									4.1	3.7	4.0
140-160	1.9	1.2	.1								3.2	4.4	4.0
(S) 170-190	1.4	.4	.2								2.1	4.3	3.0
200-220	1.3	.3	.1								1.8	4.1	3.0
230-250	2.6	1.1	.2								3.9	4.3	4.0
(W) 260-280	6.1	1.7	1.1		.1						9.0	4.6	3.0
290-310	3.7	2.6	1.8	.2	.1						8.4	6.3	6.0
320-340	4.3	2.1	.8	.2							7.5	5.0	4.0
VARIABLE													
CALM	////////////////////////////////////										40.9	////////	
TOTALS	38.0	15.9	4.3	.4	.2						100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.5	.1									2.5	3.4	3.0
020-040	1.2	.2	.1									1.5	3.8	3.0
050-070	1.5	1.5	.1									3.2	4.7	5.0
(E) 080-100	5.9	1.4	.1									7.4	3.4	3.0
110-130	1.2	.2	.1									1.5	3.7	3.0
140-160	1.8	.2										2.0	2.9	3.0
(S) 170-190	1.9	.1										2.0	3.0	2.0
200-220	.8		.4									1.2	4.7	2.5
230-250	2.6	2.0	.1									4.7	4.5	4.0
(W) 260-280	4.6	3.4	.6									8.6	5.0	4.0
290-310	4.6	3.9	2.1									10.6	6.0	5.0
320-340	3.7	2.7	1.8									8.2	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											46.5	////////	
TOTALS	31.7	16.1	5.5									100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4											2.4	2.8	3.0
020-040	1.7	.8										2.5	3.8	3.0
050-070	2.5	1.7										4.1	4.0	3.0
(E) 080-100	5.8	1.5										7.3	3.4	3.0
110-130	2.5	.2										2.7	2.9	3.0
140-160	2.0	.8										2.8	3.8	4.0
(S) 170-190	1.7											1.7	2.5	2.0
200-220	.4		.1									.5	4.0	2.0
230-250	2.0	1.3	.1									3.4	4.5	4.0
(W) 260-280	3.2	3.1	.7									7.0	5.5	5.0
290-310	3.7	3.7	2.1		.1							9.6	6.4	6.0
320-340	1.9	1.7	1.3	.2								5.1	6.4	6.0
VARIABLE	.1											.1	2.0	2.0
CALM	////////////////////////////////////											50.8	////////////////////////////////	
TOTALS	29.9	14.8	4.3	.2	.1							100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.4	.1									2.5	3.7	3.0
020-040	3.5	.8										4.4	3.3	3.0
050-070	3.2	1.5	.1									4.8	3.7	3.0
(E) 080-100	5.8	1.9	.6									8.3	4.2	3.0
110-130	2.8	.8										3.7	3.5	3.0
140-160	2.7	.8										3.5	3.5	3.0
(S) 170-190	1.7	.5	.1									2.2	3.7	2.0
200-220	.5	.2	.1									.8	4.9	4.0
230-250	1.5	1.1										2.6	4.5	4.0
(W) 260-280	3.0	2.4	.5									5.8	5.1	4.0
290-310	3.1	2.6	1.4	.1								7.2	6.1	6.0
320-340	3.2	1.4	.6	.2	.1							5.6	5.6	4.0
VARIABLE														
CALM	////////////////////////////////////											48.6	////////////////////////////////	
TOTALS	33.0	14.4	3.5	.3	.1							100.0	2.3	4.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.2		.4	.2							3.9	6.0	4.0
020-040	2.0	.8										2.8	3.8	3.0
050-070	3.2	2.4	.5									6.0	5.1	4.0
(E) 080-100	6.9	4.1	1.1									12.1	4.9	4.0
110-130	3.4	1.8	.2									5.4	4.0	3.0
140-160	3.3	2.4	.1									5.8	4.5	4.0
(S) 170-190	1.4	.9										2.4	4.4	4.0
200-220	.5	.1	.1									.7	4.8	4.0
230-250	2.2	.9	.4									3.5	4.4	4.0
(W) 260-280	3.4	3.9	1.4	.1								8.9	5.9	6.0
290-310	3.3	3.2	4.6	.7								11.8	7.9	8.0
320-340	2.4	3.4	2.7	.1								8.6	6.9	6.0
VARIABLE														
CALM	////////////////////											28.0	////////	
TOTALS	34.1	25.1	11.1	1.3	.2							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.9	1.2	.1									3.2	4.4	3.0
020-040		1.5	.8	.1									2.5	4.6	4.0
050-070		1.5	3.1	.5									5.1	5.8	6.0
(E) 080-100		3.2	2.6	1.2	.2								7.2	6.1	5.0
110-130		1.9	1.9	.2									4.0	5.4	5.0
140-160		1.9	2.0	.2									4.1	5.1	5.0
(S) 170-190		1.3	.9										2.2	4.2	4.0
200-220		1.1	.4	.5									1.9	5.7	4.0
230-250		3.5	2.8	.5	.1								7.0	5.3	4.0
(W) 260-280		5.2	10.6	4.7	.5								21.0	7.0	7.0
290-310		4.4	6.1	11.3	1.8	.1							23.8	9.2	10.0
320-340		2.2	3.4	2.0	1.1								8.7	7.9	6.0
VARIABLE				.1									.1	10.0	10.0
CALM		////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	9.1	////////////////	////////////////
TOTALS		29.6	35.8	21.4	3.7	.1							100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 846															



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: FEB HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	1.2		.1								3.7	4.6	4.0
020-040	.7	1.3										2.0	5.2	6.0
050-070	1.2	2.7	.5									4.4	5.9	6.0
(E) 080-100	1.8	2.2	.6									4.6	5.8	5.0
110-130	.9	.9	.4									2.2	5.7	5.0
140-160	.7	.7										1.4	4.9	4.5
(S) 170-190	.6	.6										1.2	4.0	4.0
200-220	.4	.4	.1									.8	5.4	6.0
230-250	1.3	3.2	.8									5.3	6.5	6.0
(W) 260-280	5.4	12.3	9.7	.2								27.7	7.6	8.0
290-310	3.7	12.9	16.5	1.1								34.2	8.9	10.0
320-340	2.4	2.7	1.7	.6	.2							7.6	7.6	7.0
VARIABLE				.1								.1	15.0	15.0
CALM	////////////////////////////////////											4.8	////////	
TOTALS	21.5	41.1	30.3	2.1	.2							100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.4	.1									1.4	3.8	2.5
020-040	.8	.6	.1									1.5	4.7	4.0
050-070	.9	1.7	.5	.1								3.2	6.5	6.0
(E) 080-100	1.7	1.4	.2									3.3	4.7	4.5
110-130	.8	.5	.4									1.7	5.7	4.5
140-160	1.4	.5										1.9	3.2	2.5
(S) 170-190	2.4	.1	.1									2.6	3.2	3.0
200-220	1.2	.1	.2									1.5	4.6	4.0
230-250	4.1	1.8	.2									6.1	4.2	4.0
(W) 260-280	12.9	11.5	3.5									27.9	5.4	5.0
290-310	7.9	11.9	5.1	.4								25.3	6.4	6.0
320-340	2.5	1.7	1.3	.1	.4							5.9	7.1	6.0
VARIABLE			.1									.1	12.0	12.0
CALM	////////////////////////////////////											17.5	////////	
TOTALS	37.5	32.2	11.8	.6	.4							100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.6	.4									1.9	5.4	5.0
020-040	.8	.4	.1									1.3	4.4	3.0
050-070	.9	1.3	.1									2.4	5.6	6.0
(E) 080-100	1.9	2.0	.4									4.3	5.3	5.0
110-130	1.9	.4	.2									2.5	4.0	3.0
140-160	3.0	.2										3.2	3.0	2.0
(S) 170-190	2.0	.1										2.1	2.8	2.0
200-220	1.7	.5										2.1	3.2	2.5
230-250	5.3	2.4										7.7	3.8	4.0
(W) 260-280	8.4	4.4	.9									13.7	4.3	4.0
290-310	4.1	4.5	3.4	.1								12.2	6.7	6.0
320-340	2.4	2.6	2.6		.1							7.7	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											39.0	////////	
TOTALS	33.3	19.4	8.1	.1	.1							100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.7	.1	.1	.0							2.7	4.4	4.0
020-040	1.5	.7	.1									2.3	4.1	4.0
050-070	1.9	2.0	.3	.0								4.2	5.1	5.0
(E) 080-100	4.1	2.2	.5	.0								6.8	4.7	4.0
110-130	1.9	.8	.2									3.0	4.3	4.0
140-160	2.1	1.0	.0									3.1	4.0	4.0
(S) 170-190	1.6	.4	.0									2.1	3.5	3.0
200-220	.8	.2	.2									1.2	4.6	3.0
230-250	2.8	1.9	.3	.0								5.1	4.7	4.0
(W) 260-280	5.8	6.4	2.8	.1								15.1	6.0	6.0
290-310	4.3	6.1	5.8	.5	.0							16.8	7.6	8.0
320-340	2.6	2.5	1.7	.3	.1							7.2	6.9	6.0
VARIABLE	.0		.0	.0								.1	9.8	11.0
CALM	////////////////////////////////////											30.5	////////////////////////////////	
TOTALS	31.2	24.9	12.0	1.0	.1							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		2.8	.1										2.9	3.0	3.0
020-040		1.9	1.0	.4									3.3	5.0	4.0
050-070		2.2	1.6										3.8	4.2	4.0
(E) 080-100		5.8	1.7	.3									7.8	3.9	3.0
110-130		2.0	.7										2.8	3.6	3.0
140-160		3.8	.7										4.5	3.4	3.0
(S) 170-190		.7	.3	.1									1.2	4.5	3.0
200-220		.4	.4	.1									1.0	5.4	5.0
230-250		3.5	1.6	.3									5.4	4.6	4.0
(W) 260-280		5.7	4.8	2.2									12.6	5.3	5.0
290-310		3.6	3.0	2.6	.3								9.6	6.7	6.0
320-340		3.6	1.0	.1									4.8	3.7	3.0
VARIABLE															
CALM		////////////////////////////////////											40.4	////////////////////////////////	
TOTALS		36.0	16.9	6.1	.3								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 690

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.1	.1									1.3	3.4	2.0
020-040	.9	.6										1.5	3.7	4.0
050-070	2.2	1.7										3.9	4.3	3.5
(E) 080-100	5.2	2.3	.6									8.1	4.2	3.0
110-130	2.6	.4	.1									3.1	3.3	3.0
140-160	3.9	1.6										5.5	3.6	3.0
(S) 170-190	2.0	.3										2.4	2.7	2.0
200-220	1.3	1.1	.1									2.5	4.8	4.0
230-250	4.0	2.2	.6									6.8	4.7	4.0
(W) 260-280	6.9	4.8	.9	.1								12.7	5.0	4.0
290-310	3.2	2.3	1.2	.6								7.3	6.6	5.0
320-340	1.8	1.5	.3	.2								3.9	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////, '////////////////////////////////////											41.2	////////	
TOTALS	35.1	18.9	3.9	.9								100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 03-05

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.8	.3	.1									1.2	4.7	3.0
020-040		1.2	.4										1.6	3.3	2.0
050-070		3.5	2.9	.1									6.6	4.7	4.0
(E) 080-100		6.5	1.8	.2									8.5	3.7	3.0
110-130		3.7	1.1										4.7	3.4	3.0
140-160		3.5	.8	.1									4.4	3.2	2.0
(S) 170-190		1.0	.3										1.3	3.3	2.0
200-220		1.4	.5	.1									2.0	4.4	4.0
230-250		2.6	.6	.4	.1								3.8	5.0	4.0
(W) 260-280		5.5	3.7	1.2	.2								10.5	5.1	4.0
290-310		3.0	2.8	1.0	.4	.3							7.5	6.9	5.0
320-340		.6	1.6	.3									2.6	6.2	6.0
VARIABLE															
CALM		////////////////////////////////////										45.3	////////		
TOTALS		33.3	16.8	3.5	.7	.3							100.0	2.6	4.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	.6										1.9	3.9	3.0
020-040	1.3	.5										1.8	3.4	3.0
050-070	2.5	2.3	.3									5.1	4.8	5.0
(E) 080-100	7.6	3.4	.5									11.6	4.3	4.0
110-130	6.8	1.3										8.1	3.3	3.0
140-160	6.0	1.2	.1									7.3	3.3	3.0
(S) 170-190	1.9	.3	.1									2.4	3.4	2.5
200-220	.8	.5										1.3	4.0	3.5
230-250	1.9	1.0	.2	.3								3.4	5.6	4.0
(W) 260-280	4.5	3.3	.3		.2							8.4	5.1	4.0
290-310	1.8	3.3	1.4	.2	.2							7.0	7.2	7.0
320-340	1.6	1.5	.3									3.4	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											38.3	////////////////////////////////	
TOTALS	38.0	19.2	3.2	.5	.4							100.0	2.8	4.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	.9	.2									3.5	4.3	3.0
020-040	1.5	.3	.4									2.3	4.9	4.0
050-070	2.4	2.7	1.1									6.1	6.0	6.0
(E) 080-100	6.5	5.5	.8	.1								12.8	5.1	4.0
110-130	4.8	3.1	.2									8.2	4.4	4.0
140-160	4.6	3.4	.2									8.3	4.7	4.0
(S) 170-190	2.6	1.3	.2									4.1	4.8	4.0
200-220	.8	1.0	.2	.1								2.0	5.8	5.0
230-250	1.2	2.2	1.1	.2								4.6	6.9	6.0
(W) 260-280	4.1	4.3	2.3	.2	.2							11.1	6.7	6.0
290-310	2.5	4.0	3.0	.6	.5							10.6	8.5	8.0
320-340	2.2	3.3	2.0	.1								7.6	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											18.7	////////	
TOTALS	35.7	32.0	11.7	1.3	.7							100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.4	.4									4.4	4.9	4.0
020-040	1.4	1.0	.2									2.6	5.3	4.0
050-070	.9	1.8	.6	.3								3.7	7.7	8.0
(E) 080-100	1.6	4.2	1.6	.1								7.5	7.1	7.0
110-130	1.4	1.8	.6	.1								4.0	6.2	6.0
140-160	2.6	1.9	.3	.1								4.9	5.3	4.0
(S) 170-190	1.6	1.9	.2									3.8	5.5	5.0
200-220	1.1	1.0	.5	.1								2.7	6.0	5.0
230-250	2.4	4.2	2.4	.3								9.2	7.2	6.0
(W) 260-280	5.2	10.3	7.3	.3	.5							23.7	7.9	8.0
290-310	3.7	7.6	7.1	1.3	.3	.1	.1					20.2	8.7	8.0
320-340	2.7	2.6	1.5	.8								7.5	7.1	6.0
VARIABLE														
CALC	////////////////////////////////////											5.8	////////	
TOTALS	27.2	39.7	22.7	3.4	.8	.1	.1					100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.7	.1									3.5	4.6	5.0
020-040	1.1	.8	.1									1.9	4.7	4.0
050-070	.6	2.4	.8									3.8	6.7	7.0
(E) 080-100	1.1	2.9	1.0									4.9	6.4	6.0
110-130	.6	.6	.4	.1								1.8	7.0	6.0
140-160	.9	1.0	.2									2.0	5.4	5.0
(S) 170-190	.2	.8	.3									1.3	6.9	7.0
200-220	.1	.5	.5	.1								1.3	8.5	9.0
230-250	1.5	2.8	3.5	.4								8.3	8.7	9.0
(W) 260-280	2.5	14.4	12.7	1.2								30.8	8.8	9.0
290-310	2.5	12.8	15.7	.9	.4							32.3	9.1	10.0
320-340	1.7	2.0	1.3	.2								5.3	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	14.5	42.7	36.6	2.9	.4							100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.1	.3									2.4	5.8	5.5
020-040	1.0	.4	.1									1.5	4.6	4.0
050-070	1.1	2.3	.2									3.5	5.9	6.0
(E) 080-100	1.2	1.8	.1									3.1	5.1	5.0
110-130	.4	.6	.1									1.2	5.5	5.0
140-160	.6	1.2	.1									1.9	5.6	5.5
(S) 170-190	.6	.3		.1								1.1	5.3	4.0
200-220	1.0	1.4	.3									2.7	5.9	6.0
230-250	3.8	4.6	1.7									10.1	6.1	6.0
(W) 260-280	11.5	16.5	6.7	.6								35.3	6.4	6.0
290-310	6.3	12.9	4.0	.5	.1							23.9	6.7	6.0
320-340	1.9	2.4	.4									4.7	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											8.6	////////	
TOTALS	30.4	45.5	14.0	1.2	.1							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.0	.3	.3									1.6	5.4	4.0
020-040		1.0	.2	.1									1.3	4.0	2.5
050-070		.8	1.5	.3									2.6	6.1	6.0
(E) 080-100		1.8	1.9	.2									4.0	5.2	5.0
110-130		1.0	1.1	.5									2.6	6.0	5.5
140-160		2.5	.8										3.2	3.5	3.5
(S) 170-190		1.8	.4	.1									2.4	3.4	2.0
200-220		3.8	1.1	.2									5.1	3.9	3.0
230-250		7.6	4.7	1.0									13.3	4.7	4.0
(W) 260-280		8.8	9.9	1.1	.2	.1							20.1	5.4	5.0
290-310		2.5	4.0	1.6	.3	.1							8.5	7.2	6.0
320-340		.6	.8	.1									1.5	5.3	5.5
VARIABLE															
CALM		////////////////////////////////////										33.9	////////////////////////////////		
TOTALS		33.2	26.7	5.5	.5	.2							100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.8	.2									2.5	4.7	4.0
020-040	1.2	.5	.1									1.8	4.3	4.0
050-070	1.7	2.2	.4	.0								4.4	5.6	5.0
(E) 080-100	3.9	3.0	.6	.0								7.6	5.0	4.0
110-130	2.7	1.3	.3	.0								4.2	4.4	4.0
140-160	3.1	1.5	.1	.0								4.7	4.2	4.0
(S) 170-190	1.5	.7	.1	.0								2.3	4.4	4.0
200-220	1.3	.9	.3	.0								2.4	5.1	4.0
230-250	3.1	2.8	1.4	.2								7.4	6.1	5.5
(W) 260-280	6.1	8.4	4.0	.4	.1							19.1	6.7	6.0
290-310	3.2	6.2	4.4	.6	.3	.0	.0					14.7	7.9	8.0
320-340	1.7	2.0	.8	.2								4.6	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											24.3	////////////////////////////////	
TOTALS	31.0	30.3	12.7	1.4	.4							100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	2.2	.3									4.9	5.1	4.5
020-040	1.6	1.7										3.3	4.8	5.0
050-070	2.3	2.8	.6									5.7	5.5	5.0
(E) 080-100	5.2	3.0	.6									8.8	4.6	4.0
110-130	2.9	.6		.1								3.6	3.9	3.0
140-160	2.3	.7	.3									3.3	4.2	3.0
(S) 170-190	.6											.6	2.0	2.
200-220	.9	.7	.3									1.9	5.1	6.0
230-250	2.6	2.5	1.3	.3								6.7	6.6	6.0
(W) 260-280	5.7	8.6	3.8	.6	.1							18.7	6.8	6.0
290-310	4.2	3.0	2.3	.6	.1							10.3	7.1	7.0
320-340	2.8	2.0	.3									5.1	4.8	4.0
VARIABLE														
CAIM	////////////////////											27.1	////////	
TOTALS	33.6	27.8	9.8	1.6	.2							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 690

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.3	.4										1.8	3.8	3.0
020-040	1.6	.7										2.2	3.7	3.0
050-070	2.4	1.1	.2									3.8	4.1	3.0
(E) 080-100	5.0	1.7	.4									7.1	4.0	3.0
110-130	2.7	1.1										3.8	3.7	3.5
140-160	3.2	1.2	.4									4.0	4.3	3.0
(S) 170-190	1.8	.7		.1								2.6	4.0	3.0
200-220	1.4	.2	.1	.1								1.9	4.5	3.0
230-250	4.1	2.3	1.3		.1							7.9	5.5	4.0
(W) 260-280	5.3	3.6	.6									9.4	4.8	4.0
290-310	2.7	1.2	.6									4.4	4.6	4.0
320-340	1.8	.4	.2									2.4	4.0	3.5
VARIABLE		.1	.1									.2	9.0	9.0
CALM	////////////////////////////////////											47.6	////////////////////////////////	
TOTALS	33.3	14.7	3.9	.2	.1							100.0	2.3	4.0
TOTAL NUMBER OF OBSERVATIONS 900														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.1	.2									1.6	4.1	3.0
020-040	1.2	.4										1.7	3.7	2.0
050-070	3.8	.7	.2									4.7	3.5	3.0
(E) 080-100	7.4	2.3	.3									10.1	3.9	3.0
110-130	5.7	1.3										7.0	3.2	2.0
140-160	3.7	1.0	.3									5.0	3.9	3.0
(S) 170-190	2.0	.3	.1									2.4	3.3	2.5
200-220	1.8	.4										2.2	3.3	2.0
230-250	1.9	2.6	1.6									6.0	6.5	6.0
(W) 260-280	3.1	2.6	.6	.1								6.3	5.4	5.0
290-310	2.1	1.1	.2		.1							3.6	5.0	4.0
320-340	2.2	.2										2.4	3.1	3.0
VARIABLE														
CALM	////////////////////////////////////											47.0	////////////////////////////////	
TOTALS	36.1	13.0	3.5	.1	.1							100.0	2.2	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 06-08

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.8	.6	.1									1.4	4.1	4.0
020-040		1.9	.6	.1									2.6	3.7	2.0
050-070		3.9	1.7	.1									5.7	4.0	3.0
(E) 080-100		12.0	4.0	1.0									17.0	4.0	3.0
110-130		7.2	1.7										8.9	3.4	3.0
140-160		5.2	1.2	.6									7.0	3.9	3.0
(S) 170-190		2.7	.4										3.1	3.4	3.0
200-220		1.1	.3	.7									2.1	6.0	4.0
230-250		1.6	1.3	1.1									4.0	6.4	5.5
(W) 260-280		3.4	2.9	.4									6.8	5.0	4.0
290-310		1.7	1.9	.4									4.0	5.6	6.0
320-340		1.3	.6	.1									2.0	3.9	3.5
VARIABLE															
CALM		////////////////////////////////////											35.4	////////////////////////////////	
TOTALS		42.8	17.2	4.6									100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.4	.4									2.2	5.2	4.0
020-040	2.4	.6	.2									3.2	4.0	3.0
050-070	3.0	2.4	.6	.1								6.1	5.4	5.0
(E) 080-100	5.7	4.7	1.4									11.8	5.3	5.0
110-130	6.7	3.4	.6									10.7	4.4	4.0
140-160	4.6	3.2	.3									8.1	4.5	4.0
(S) 170-190	3.0	1.0	.3	.1								4.4	4.6	3.5
200-220	1.7	.7	.7	.3	.1							3.4	7.4	6.0
230-250	2.7	2.1	2.1	.1								7.0	6.5	5.0
(W) 260-280	3.9	4.0	2.4	.6								10.9	6.7	6.0
290-310	3.4	3.4	2.4	.2								9.6	6.9	7.0
320-340	2.9	1.1	.4									4.4	4.6	4.0
VARIABLE	.1											.1	2.0	2.0
CALM	////////////////////////////////////											18.0	////////	
TOTALS	41.4	27.0	11.8	1.4	.1							100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	.3	.3									3.0	4.0	3.0
020-040	1.3	1.0		.2								2.6	5.5	4.0
050-070	.9	1.1	.9	.3								3.2	7.8	8.0
(E) 080-100	1.8	3.4	1.4									6.7	6.5	6.0
110-130	2.2	1.7	.3	.1								4.3	5.3	4.0
140-160	2.4	1.9	.2									4.6	5.0	4.0
(S) 170-190	1.8	1.4	.6									3.8	5.7	5.0
200-220	.8	.7	1.0	.3	.1							2.9	9.2	9.0
230-250	1.8	4.8	4.7	.6								11.8	8.7	9.0
(W) 260-280	5.7	9.6	7.0	1.1	.2							23.6	7.8	7.0
290-310	4.6	7.4	5.3	1.0								18.3	7.5	7.0
320-340	2.8	3.7	1.3	.1								7.9	6.2	6.0
VARIABLE		.2	.3									.6	9.6	10.0
CALM	////////////////////////////////////											6.9	////////	
TOTALS	28.4	37.2	23.3	3.7	.3							100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.1	.2									2.2	5.5	6.0
020-040	1.0	.7	.1									1.8	4.9	4.0
050-070	.1	1.1	.7	.2								2.1	9.8	9.0
(E) 080-100	.9	1.6	.9	.2								3.6	7.0	6.0
110-130	.6	.3	.3	.2								1.4	7.4	7.0
140-160	.7	1.0										1.7	5.1	5.0
(S) 170-190	.6	1.9	.1									2.6	5.7	5.0
200-220	.6	1.3	.9									2.8	6.9	7.0
230-250	1.0	4.3	5.1	1.7	.3							12.4	10.1	10.0
(W) 260-280	3.9	9.1	9.9	2.0								24.9	8.9	9.0
290-310	3.8	15.0	14.0	1.9	.2							34.9	8.8	9.0
320-340	1.8	3.4	2.0									7.2	6.9	6.0
VARIABLE	.1		.3									.4	10.5	12.5
CALM	////////////////////////////////////											2.0	////////	
TOTALS	16.0	40.8	34.5	6.2	.5							100.0	8.3	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.7	.1									2.2	4.7	4.0
020-040	1.2	.3	.2									1.8	4.2	3.0
050-070	.7	1.4	.4									2.6	6.7	6.0
(E) 080-100	1.4	1.0	.6	.1								3.1	6.0	6.0
110-130	.7	.7	.2									1.6	5.6	5.0
140-160	.2	.6										.8	5.3	6.0
(S) 170-190	.7	.9										1.6	4.7	5.0
200-220	1.6	1.6	.3		.1							3.6	6.3	5.0
230-250	4.2	6.4	2.3	.7	.1							13.8	6.8	6.0
(W) 260-280	8.7	12.9	4.9	.3								26.8	6.4	6.0
290-310	7.4	14.8	5.9	.3								28.4	6.8	6.0
320-340	3.3	3.0	.8									7.1	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											6.8	////////	
TOTALS	31.5	44.3	15.7	1.4	.2							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.1										.7	3.0	2.0
020-040	1.9											1.9	2.8	2.0
050-070	1.4	1.1	.3									2.9	5.0	4.5
(E) 080-100	2.6	1.8	.2									4.6	4.3	4.0
110-130	1.4	.8			.1							2.3	4.7	4.0
140-160	2.1	.3	.1									2.6	3.5	3.0
(S) 170-190	3.0	.4	.1									3.6	3.4	3.0
200-220	3.0	.8	.2	.1								4.1	4.1	3.0
230-250	7.2	4.3	1.2		.1	.1						13.0	4.9	4.0
(W) 260-280	11.3	6.0	1.7									19.0	4.9	4.0
290-310	5.2	2.6	.6									8.3	4.5	4.0
320-340	2.7	.6	.2									3.4	3.6	2.0
VARIABLE		.1	.1									.2	10.0	10.0
CALM	////////////////////////////////////											33.4	////////	
TOTALS	42.4	18.9	4.7	.1	.2	.1						100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		1.2	.5	.2									1.9	4.4	4.0
020-040		1.6	.5	.1	.0								2.2	4.1	3.0
050-070		2.0	1.3	.4	.1								3.9	5.3	4.0
(E) 080-100		4.6	2.6	.8	.0								8.0	4.8	4.0
110-130		3.4	1.4	.2	.0	.0							5.0	4.2	4.0
140-160		2.8	1.3	.3									4.3	4.3	4.0
(S) 170-190		1.9	.9	.2	.0								3.0	4.4	4.0
200-220		1.5	.8	.5	.1	.0							2.9	6.1	4.0
230-250		3.1	3.5	2.4	.4	.1	.0						9.5	7.1	6.0
(W) 260-280		5.7	6.3	3.4	.5	.0							16.0	6.7	6.0
290-310		3.9	5.9	3.7	.4	.0							13.9	7.2	7.0
320-340		2.3	1.6	.6	.0								4.6	5.3	4.0
VARIABLE		.0	.1	.1									.2	9.3	10.0
CALM		////////////////////////////////////											24.6	////////////////////////////////	
TOTALS		34.0	26.7	12.9	1.5	.1							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 7200



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.4	.4									3.1	4.4	4.0
020-040	1.5	.6	.4									2.5	5.0	3.5
050-070	3.5	2.4	.1									6.0	4.5	4.0
(E) 080-100	5.7	2.5	.6									8.8	4.3	4.0
110-130	3.8	.6										4.3	3.0	3.0
140-160	1.8	.3	.1									2.2	3.4	2.5
(S) 170-190	1.5	.4	.1									2.1	3.8	3.0
200-220	2.1	.1		.3	.3							2.8	6.2	3.0
230-250	2.9	3.9	2.0		.3							9.1	6.8	6.0
(W) 260-280	4.2	6.6	1.8	.4								13.0	6.4	6.0
290-310	3.9	4.5	1.4	.1	.1							10.1	6.3	6.0
320-340	3.5	2.2	.1									5.9	4.7	4.0
VARIABLE														
CALM	////////////////////											30.2	////////	
TOTALS	36.6	24.5	7.0	.8	.7							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 716

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.1										1.5	2.7	2.0
020-040	1.2	.8	.1									2.0	4.1	3.0
050-070	1.9	1.6	.4									4.0	4.9	5.0
(E) 080-100	3.4	.9	.6	.2								5.2	5.1	3.0
110-130	4.1	.5										4.6	2.9	2.0
140-160	3.2	.6	.1									4.0	3.4	3.0
(S) 170-190	1.8	.4	.3									2.6	4.2	3.0
200-220	2.0	1.8	.3									4.2	4.8	5.0
230-250	4.3	2.9	.6	.1	.1							8.1	5.2	4.0
(W) 260-280	4.1	2.5	.2	.1								6.9	4.3	4.0
290-310	2.6	1.0										3.5	3.5	3.0
320-340	1.3	.5										1.8	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											51.6	////////	
TOTALS	31.3	13.6	2.6	.4	.1							100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.3										.8	3.9	3.0
020-040	1.8	.2	.2									2.3	3.4	2.0
050-070	3.3	1.7	.4									5.5	4.5	3.0
(E) 080-100	8.0	1.8	.2	.1								10.1	3.6	3.0
110-130	4.7	1.5	.1									6.4	3.6	3.0
140-160	3.7	1.3										5.0	3.6	3.0
(S) 170-190	1.9	.3										2.3	2.8	2.0
200-220	1.9	1.3	.4									3.7	4.9	4.0
230-250	2.8	1.3	.3		.1							4.5	5.0	4.0
(W) 260-280	2.0	2.0	.8	.1								5.0	6.0	5.0
290-310	1.6	1.2	.2									3.0	4.6	4.0
320-340	1.7	1.0										2.7	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											49.0	////////////////////////////////	
TOTALS	33.8	13.9	2.6	.2	.1							100.0	2.1	3.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB. K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 06-08

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.1	.1										1.2	3.4	3.0
020-040		1.6	.8	.2									2.6	4.4	3.5
050-070		5.1	2.3	.1									7.4	4.1	4.0
(E) 080-100		10.3	4.0	1.0									15.3	4.1	3.0
110-130		9.7	2.6										12.3	3.5	3.0
140-160		5.7	2.3										8.0	3.5	3.0
(S) 170-190		2.0	.9	.1									3.0	3.8	3.0
200-220		2.4	.8	.3									3.4	4.6	4.0
230-250		1.8	2.6	1.1									5.5	6.5	6.0
(W) 260-280		2.5	1.8	.4	.1								4.8	5.4	4.0
290-310		.9	1.0	.2									2.0	5.5	6.0
320-340		1.6	.5										2.2	3.7	3.0
VARIABLE															
CALM		////////////////////////////////////										32.4	////////////////////////////////		
TOTALS		44.7	19.7	3.4	.1								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.4	.1									1.9	3.7	3.5
020-040	2.2	.4	.3									2.9	4.2	3.0
050-070	2.9	2.4	.4									5.7	5.1	4.0
(E) 080-100	4.4	4.5	1.3	.2								10.4	5.8	5.0
110-130	4.4	4.5	.4	.1								9.5	4.8	5.0
140-160	5.1	4.6	.4									10.1	4.9	4.5
(S) 170-190	4.2	1.7	.4									6.3	4.3	3.0
200-220	2.4	1.3	.9									4.5	5.5	4.0
230-250	4.8	3.1	2.5	.2								10.6	6.3	5.0
(W) 260-280	4.7	3.9	2.9	.2								11.7	6.2	5.0
290-310	2.9	2.0	1.0	.1								6.0	5.6	5.0
320-340	2.4	1.3	.2									3.9	4.2	4.0
VARIABLE		.1										.1	7.0	7.0
CALM	////////////////////////////////////											16.2	////////	
TOTALS	41.8	30.2	10.8	.8								100.0	4.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	1.6	.6										2.3	3.9	4.0
020-040	1.3	1.8	.5									3.7	5.9	5.0
050-070	1.5	1.6	1.2									4.3	6.2	6.0
(E) 080-100	1.5	2.7	1.4									5.6	6.7	6.5
110-130	1.7	1.2	.4	.2								3.5	6.0	5.0
140-160	2.4	2.6	.4									5.4	5.1	5.0
(S) 170-190	1.9	1.4	.3									3.7	5.0	4.0
200-220	2.0	1.2	1.3	.3								4.8	7.1	6.0
230-250	3.4	4.6	3.1	.9	.1							12.2	7.8	7.0
(W) 260-280	6.3	11.1	5.4	1.2	.1							24.1	7.3	7.0
290-310	6.3	6.9	2.3									15.5	5.8	5.5
320-340	4.5	3.0	.2									7.7	4.6	4.0
VARIABLE	.1			.1								.2	9.0	9.0
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	34.5	38.7	16.5	2.7	.2							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.6	1.0	.2									2.8	4.5	4.0
020-040	.5	1.5	.4									2.5	5.9	5.0
050-070	.5	1.7	.6									2.9	6.6	6.0
(E) 080-100	1.3	1.9	1.1									4.2	6.4	6.0
110-130	1.1	1.3	.4									2.8	6.3	6.0
140-160	1.5	1.5	.2									3.2	5.4	5.0
(S) 170-190	1.0	.8	.1									1.8	4.7	4.0
200-220	1.4	1.5	1.2	.3								4.4	7.4	6.0
230-250	1.6	4.9	5.4	1.0	.2							13.1	9.2	9.5
(W) 260-280	4.6	13.7	9.5	1.9								29.7	8.1	8.0
290-310	4.5	12.2	5.5	.4								22.6	7.3	7.0
320-340	3.0	2.6	1.0									6.6	5.6	5.0
VARIABLE	.1	.3	.1		.1							.6	9.8	8.5
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	22.7	44.8	25.7	3.6	.3							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.4	.2									1.8	4.6	4.0
020-040	.8	.6	.4									1.8	5.6	5.0
050-070	.4	1.0	.4	.1								1.9	7.6	7.0
(E) 080-100	1.7	1.3	.5									3.5	5.5	5.0
110-130	.9	.6	.3	.1								1.9	6.1	5.0
140-160	1.0	.8	.3									2.0	5.4	5.0
(S) 170-190	1.6	1.1	.2									2.9	4.6	4.0
200-220	1.2	2.5	.6									4.3	6.4	6.0
230-250	3.0	8.1	2.8	.6								14.5	7.2	7.0
(W) 260-280	8.7	14.3	4.6	.4								28.1	6.2	6.0
290-310	8.0	12.5	3.0	.1								23.5	6.0	6.0
320-340	3.8	4.4	.5									8.7	5.0	5.0
VARIABLE														
CALM	////////////////////											4.8	////////	
TOTALS	32.3	47.6	13.8	1.3								100.0	5.8	6.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.1										1.3	2.9	2.5
020-040	1.2	.2	.2									1.6	4.7	4.0
050-070	1.0	1.2	.4	.1	.1							2.8	7.0	6.5
(E) 080-100	1.9	1.3	.2	.2								3.7	5.5	4.0
110-130	1.7	.8	.2									2.7	4.1	3.0
140-160	1.9	.8	.1									2.8	3.7	3.0
(S) 170-190	2.2	.5										2.7	3.1	3.0
200-220	3.6	2.2	.4	.1								6.2	4.9	4.0
230-250	7.9	4.8	1.9									14.6	5.1	4.0
(W) 260-280	9.7	5.2	.2	.1								15.2	4.0	4.0
290-310	6.5	2.3	.2									8.9	4.0	4.0
320-340	4.0	1.8										5.8	4.0	3.5
VARIABLE														
CALM	////////////////////											31.6	////////	
TOTALS	42.8	21.2	3.8	.5	.1							100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MAXIMUM WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.4	.1									1.7	3.8	3.5
020-040	1.3	.8	.3									2.4	4.8	4.0
050-070	2.1	1.7	.5	.0	.0							4.3	5.3	5.0
(E) 080-100	4.1	2.3	.8	.1								7.2	5.0	4.0
110-130	3.5	1.6	.2	.1								5.5	4.3	4.0
140-160	3.1	1.8	.2									5.1	4.3	4.0
(S) 170-190	2.1	.9	.2									3.2	4.1	4.0
200-220	2.1	1.6	.7	.1								4.5	5.7	5.0
230-250	3.7	4.0	2.2	.3	.1							10.4	6.8	6.0
(W) 260-280	5.3	6.8	3.0	.5	.0							15.7	6.5	6.0
290-310	4.2	4.9	1.5	.1								10.6	5.9	6.0
320-340	2.8	1.9	.2									4.9	4.6	4.0
VARIABLE	.0	.1	.0	.0	.0							.1	9.3	8.0
CALM	////////////////////////////////////											24.4	////////////////////////////////	
TOTALS	35.5	28.8	9.9	1.2	.1							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 7438

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2		.1									1.3	3.8	4.0
020-040	1.0	.8	.8									2.7	6.4	5.5
050-070	2.3	1.1	.7									4.1	5.5	4.0
(E) 080-100	3.8	2.4	.6									6.8	4.6	4.0
110-130	3.1	1.5	.1									4.7	3.8	3.0
140-160	3.4	1.0	.1									4.5	3.4	3.0
(S) 170-190	2.3	.2										2.5	2.6	2.0
200-220	2.3	1.2	.6									4.2	5.1	4.0
230-250	3.0	3.8	1.7	.1	.2							8.8	6.9	6.0
(W) 260-280	4.6	5.1	2.2	.4								12.2	6.1	5.0
290-310	4.2	4.5	1.0									9.7	5.3	5.0
320-340	4.1	3.0	.2									7.4	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											31.0	////////	
TOTALS	35.3	24.7	8.1	.5	.2							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 826

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1											1.1	2.4	2.0
020-040	.9	.7	.2									1.8	4.8	4.5
050-070	3.2	1.6	.4	.1								5.3	4.7	4.0
(E) 080-100	3.6	2.7	1.6	.1								7.9	5.8	5.0
110-130	4.2	.9										5.1	3.1	2.5
140-160	1.9	.7										2.6	3.2	2.0
(S) 170-190	1.9	.7	.1									2.7	3.8	2.5
200-220	2.0	.4	.4									2.9	4.5	3.0
230-250	4.4	1.4	.3									6.2	3.7	3.0
(W) 260-280	5.0	1.6	.2									6.8	3.8	3.0
290-310	2.3	.6	.1									3.0	3.4	3.0
320-340	.8	.1	.1									1.0	3.9	3.0
VARIABLE														
CALM	////////////////////											53.7	////////	
TOTALS	31.3	11.4	3.4	.2								100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.2										1.2	3.0	2.0
020-040	2.8	.6										3.3	3.0	2.0
050-070	3.1	1.6	.6									5.2	4.6	4.0
(E) 080-100	8.1	3.3	.8									12.2	4.1	3.5
110-130	3.8	.6	.2									4.6	3.2	2.0
140-160	3.1	.9	.1									4.1	4.0	4.0
(S) 170-190	1.2	.9	.2									2.3	5.1	4.0
200-220	.9	.6	.2	.1								1.8	5.6	4.5
230-250	1.6	.8	.6									2.9	5.3	4.0
(W) 260-280	2.0	1.1	.1									3.2	4.2	4.0
290-310	1.9	.4	.2									2.6	4.3	3.0
320-340	.9	.2										1.1	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											35.4	////////	
TOTALS	30.4	11.2	3.0	.1								100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.2										1.4	2.9	2.0
020-040	1.9	1.1	.1									3.1	3.9	3.0
050-070	4.9	3.0	.4									8.3	4.6	4.0
(E) 080-100	8.7	3.6	1.1	.2								13.6	4.5	4.0
110-130	9.1	1.3	.1									10.6	3.0	3.0
140-160	6.0	.8										6.8	3.2	3.0
(S) 170-190	3.1	.4										3.6	3.2	3.0
200-220	.6	.4	.4									1.4	6.2	5.0
230-250	1.2	1.7	.2	.2								3.3	6.3	5.0
(W) 260-280	1.4	.9	.4									2.6	5.5	4.0
290-310	2.8	.6	.1									3.4	3.4	3.0
320-340	.9	.3										1.2	3.4	3.0
VARIABLE														
CAV	////////////////////											40.4	////////	
TOTALS	41.8	14.3	2.8	.4								100.0	2.4	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 411210 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.1										2.0	3.2	3.0
020-040	3.1	.8	.4									4.3	4.3	3.0
050-070	3.6	3.1	.4									7.1	4.9	4.5
(E) 080-100	5.9	6.1	1.3	.3								13.7	5.6	5.0
110-130	5.3	3.6	.8									9.7	4.9	4.0
140-160	7.6	3.1	.2									10.9	4.0	4.0
(S) 170-190	3.6	1.2	.2									5.0	4.0	3.0
200-220	2.0	1.4	.3									3.8	5.0	4.0
230-250	2.6	2.6	.8	.3								6.2	6.0	6.0
(W) 260-280	5.1	3.8										8.9	4.4	4.0
290-310	4.1	2.2										6.3	4.2	4.0
320-340	2.7	.6										3.2	3.5	4.0
VARIABLE														
CALM	////////////////////////////////////											18.9	////////	
TOTALS	47.5	28.6	4.4	.6								100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 411220 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N. 000-010	1.4	.8										4.2	3.3	3.0
020-040	2.4	1.1	.6									4.1	5.0	4.0
050-070	1.2	2.7	1.6									5.4	6.7	6.0
(E) 080-100	3.1	3.1	1.6									7.8	5.9	5.0
110-130	1.6	2.2	.9	.4								5.1	7.2	6.0
140-160	2.6	2.4	.4									5.4	5.0	5.0
(S) 170-190	3.0	2.3	.6									5.9	5.1	4.0
200-220	1.4	1.9	.2									3.6	5.3	5.5
230-250	4.7	4.3	1.2									10.2	5.5	5.0
(W) 260-280	8.7	9.3	2.0									20.0	5.4	5.0
290-310	7.1	4.7	1.0									12.8	4.8	4.0
320-340	4.8	2.6	.1									7.4	4.2	4.0
VARIABLE	.1											.1	2.0	2.0
CALM	////////////////////////////////////											7.9	////////	
TOTALS	44.1	37.4	10.2	.4								100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 900														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.7										2.9	3.0	2.5
020-040	1.0	1.0	.1									2.1	5.2	5.0
050-070	1.6	1.6	1.6									4.7	7.2	7.5
(E) 080-100	2.2	2.0	1.1									5.3	6.0	5.0
110-130	1.4	2.2	.7	.1								4.4	6.6	6.0
140-160	1.4	2.2	.4									4.1	5.8	6.0
(S) 170-190	1.2	1.3	.2									2.8	5.1	5.0
200-220	1.1	1.3	.7	.3	.2							3.7	8.1	7.0
230-250	3.0	4.6	1.9	.2								9.7	6.8	7.0
(W) 260-280	6.9	11.7	3.8	.2								22.6	6.5	6.0
290-310	7.6	11.0	4.0	.1								22.7	6.3	6.0
320-340	4.4	4.2	.9									9.6	5.1	5.0
VARIABLE														
CALM	////////////////////											5.6	////////	
TOTALS	34.0	43.8	15.4	.9	.2							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.4	.2									2.1	4.4	4.0
020-040	.8	1.1										1.9	5.2	5.0
050-070	.8	2.1	1.0									3.9	6.9	7.0
(E) 080-100	1.7	2.9	.6									5.1	6.0	6.0
110-130	1.9	1.1	.6									3.6	5.2	4.0
140-160	1.6	.9										2.4	3.6	4.0
(S) 170-190	1.8	1.1	.1									3.0	4.7	4.0
200-220	1.1	1.4	.3	.2								3.1	6.6	5.0
230-250	3.6	4.7	.7	.1								9.0	5.4	5.0
(W) 260-280	10.1	11.0	1.4									22.6	5.1	5.0
290-310	9.8	12.7	2.2									24.7	5.3	5.0
320-340	4.6	4.7	.2									9.4	4.7	5.0
VARIABLE														
CALM	////////////////////////////////////											9.2	////////////////////////////////	
TOTALS	39.2	44.1	7.3	.3								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.1										2.2	2.5	2.0
020-040	.9	.8	.1									1.8	4.6	4.0
050-070	2.6	2.4	.4									5.4	5.1	5.0
(E) 080-100	3.2	2.3	.3									5.9	4.6	4.0
110-130	2.6	.8	.2									3.6	3.8	3.0
140-160	2.1	.6										2.7	3.1	2.0
(S) 170-190	1.8	.4	.1									2.3	3.4	3.0
200-220	2.1	1.0	.4	.2								3.8	5.5	4.0
230-250	7.3	2.4	.1									9.9	3.6	3.0
(W) 260-280	11.3	3.1	.3	.1								14.9	3.5	3.0
290-310	6.0	2.2	.1									8.3	3.5	3.0
320-340	3.6	.7										4.2	3.1	3.0
VARIABLE														
CALM	////////////////////////////////////											35.0	////////	
TOTALS	45.6	16.8	2.0	.3								100.0	2.5	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.3	.0									2.2	3.2	3.0
020-040	1.7	.9	.2									2.8	4.4	4.0
050-070	2.6	2.3	.8	.0								5.7	5.4	5.0
(E) 080-100	4.6	3.3	1.0	.1								8.9	5.2	4.0
110-130	3.7	1.6	.4	.1								5.8	4.5	3.0
140-160	3.3	1.4	.2									4.9	4.1	4.0
(S) 170-190	2.2	1.1	.2									3.4	4.3	4.0
200-220	1.4	1.1	.4	.1	.0							3.0	5.9	5.0
230-250	3.5	2.8	.7	.1								7.2	5.3	5.0
(W) 260-280	6.3	5.3	1.0	.0								12.7	5.1	5.0
290-310	5.2	4.3	1.0	.0								10.5	5.1	5.0
320-340	2.8	1.7	.2									4.7	4.3	4.0
VARIABLE	.0											.0	2.0	2.0
CALM	////////////////////////////////////											28.3	////////	
TOTALS	39.1	26.1	6.1	.4								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.7										1.5	3.9	3.5
020-040	1.6	.9	.3									2.7	4.5	4.0
050-070	2.6	2.3	.8									5.6	5.5	5.0
(E) 080-100	5.6	2.1	.7									8.3	4.4	4.0
110-130	4.7	1.0	.1									5.9	3.5	3.0
140-160	2.4	.7	.2									3.2	4.0	3.0
(S) 170-190	2.1	.3	.1									2.5	3.7	3.0
200-220	1.9	1.8	.5	.1								4.3	5.8	5.0
230-250	2.6	2.6	1.1	.2								6.5	6.2	5.0
(W) 260-280	4.5	3.3	1.0	.1								9.0	5.3	4.0
290-310	4.3	3.0	.7									7.9	4.7	4.0
320-340	1.3	.8	.2									2.3	4.3	4.0
VARIABLE														
CALM	////////////////////											40.4	////////	
TOTALS	34.5	19.5	5.7	.4								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 1058

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.8	.1										.9	2.9	2.0
020-040		1.5	.3		.1								1.9	3.8	2.5
050-070		2.5	2.4	.4									5.3	4.8	5.0
(E) 080-100		5.6	2.4	.3									8.3	4.2	3.0
110-130		4.5	1.3										5.8	3.3	3.0
140-160		3.9	1.7										5.6	3.5	3.0
(S) 170-190		2.3	1.1	.3									3.7	4.5	4.0
200-220		2.0	1.2	1.2	.1								4.5	6.5	5.0
230-250		3.8	2.5	1.0	.1								7.3	5.1	4.0
(W) 260-280		2.7	.4	.2									3.3	3.9	3.0
290-310		2.0	.1	.1									2.3	2.9	2.0
320-340		.6											.6	2.3	2.5
VARIABLE															
CALM		////////////////////////////////////										50.4	////////////////////////////////		
TOTALS		32.2	13.5	3.5	.3								100.0	2.1	4.0
TOTAL NUMBER OF OBSERVATIONS 928															

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.2										1.3	3.4	3.5
020-040	1.4	.2										1.6	2.9	2.0
050-070	4.0	2.4	.4									6.8	4.6	4.0
(E) 080-100	9.9	3.0	.6									13.5	3.9	3.0
110-130	6.2	.8										7.0	3.0	3.0
140-160	4.2	1.6										5.8	3.5	3.0
(S) 170-190	3.4	.6	.2									4.3	3.7	3.0
200-220	1.9	1.8	.8									4.5	5.5	5.0
230-250	2.0	1.4	.8	.8								4.9	7.3	6.0
(W) 260-280	1.7	.4	.3									2.5	4.6	4.0
290-310	1.2	.3										1.5	3.5	3.0
320-340	.4		.1									.5	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											45.7	////////////////////////////////	
TOTALS	37.4	12.7	3.2	.8								100.0	2.3	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.1										.8	2.7	2.0
020-040	1.8	.3										2.2	2.8	2.0
050-070	3.4	2.8	.1									6.4	4.4	4.0
(E) 080-100	10.2	5.0	.1									15.3	4.1	4.0
110-130	10.1	1.7	.1									11.9	3.1	3.0
140-160	7.6	2.4										10.0	3.6	3.0
(S) 170-190	4.3	2.0										6.4	3.9	4.0
200-220	1.6	1.8	.9									4.3	6.3	6.0
230-250	1.4	2.5	1.0	.1								5.0	6.9	7.0
(W) 260-280	1.9	.6	.1	.1								2.8	4.5	4.0
290-310	1.1	.3		.1								1.5	4.9	4.0
320-340	.3	.1		.1								.5	5.6	3.0
VARIABLE														
CALM	////////////////////////////////////											33.0	////////	
TOTALS	44.3	19.6	2.3	.4								100.0	2.8	4.0
TOTAL NUMBER OF OBSERVATIONS 929														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.4	.2										.6	3.5	3.5
020-040		2.0	.8	.1									2.9	4.1	3.0
050-070		2.0	2.9	.5									5.5	5.6	6.0
(E) 080-100		5.3	5.9	1.4									12.6	5.4	5.0
110-130		3.9	5.2	.4									9.5	5.3	5.0
140-160		9.2	5.7	.4									15.4	4.5	4.0
(S) 170-190		6.1	4.0	.9									11.0	4.6	4.0
200-220		3.1	3.4	.9									7.4	5.6	5.0
230-250		3.2	3.3	1.0	.5	.1							8.2	6.5	6.0
(W) 260-280		2.5	1.9	.4	.1								4.9	5.4	4.5
290-310		1.5	.9	.1									2.5	4.7	4.0
320-340		1.7	.3										2.0	3.4	3.0
VARIABLE															
CALM		////////////////////////////////////											17.5	////////	
TOTALS		40.9	34.5	6.1	.6	.1							100.0	4.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	.4										3.4	3.0	3.0
020-040	1.6	.4	.1									2.2	3.4	2.0
050-070	1.6	1.6	.6	.4								4.3	6.7	6.0
(E) 080-100	2.3	5.4	1.7									9.4	6.4	6.0
110-130	3.7	2.7	.8									7.1	4.8	4.0
140-160	5.0	5.3	.5									10.8	5.0	5.0
(S) 170-190	3.2	2.9	.5									6.7	5.0	5.0
200-220	2.9	3.3	1.5	.2								8.0	6.5	6.0
230-250	3.2	6.9	2.6	.8	.1							13.6	7.3	7.0
(W) 260-280	6.6	6.3	1.7									14.5	5.3	5.0
290-310	3.4	2.6	.3									6.4	4.5	4.0
320-340	1.9	1.6	.1									3.7	4.6	4.0
VARIABLE		.1										.1	8.0	8.0
CALM	////////////////////////////////////											9.9	////////	
TOTALS	38.4	39.5	10.4	1.4	.1							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.0										2.5	4.0	3.0
020-040	1.1	1.4										2.5	4.8	5.0
050-070	1.0	1.6	.9	.1								3.6	7.2	6.0
(E) 080-100	2.5	4.5	1.5									8.5	6.4	6.0
110-130	2.4	1.9	.4									4.7	5.1	4.5
140-160	3.4	3.7	.6									7.8	5.3	5.0
(S) 170-190	1.6	3.1	.3									5.1	5.4	6.0
200-220	1.6	3.3	1.3	.2	.1							6.6	7.0	6.0
230-250	3.3	7.1	2.9	.8								14.1	7.5	7.0
(W) 260-280	5.8	12.4	1.8									20.0	6.0	6.0
290-310	3.7	6.9	1.7									12.3	6.1	6.0
320-340	3.6	2.2	.5									6.2	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////	
TOTALS	31.5	49.1	11.9	1.1	.1							100.0	5.7	6.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.8	.1										1.9	3.4	4.0
020-040		.4	1.0										1.4	5.6	6.0
050-070		.8	2.4	.3									3.5	6.4	6.5
(E) 080-100		1.8	4.1	.2									6.2	5.5	6.0
110-130		1.7	2.6	.2									4.5	5.3	5.0
140-160		2.9	2.6	.3									5.8	4.9	4.5
(S) 170-190		2.8	1.3										4.1	3.7	3.5
200-220		2.7	2.8	.6									6.2	5.6	6.0
230-250		6.4	5.7	1.7									13.8	5.3	5.0
(W) 260-280		10.5	7.0	.4									17.9	4.4	4.0
290-310		8.7	6.3	.1									15.1	4.5	4.0
320-340		3.3	2.2	.3									5.8	4.4	4.0
VARIABLE															
CALM		////////////////////////////////////											13.7	////////////////////////////////	
TOTALS		43.8	38.1	4.1									100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.1	.1									1.2	3.7	2.0
020-040	.8	.6	.2									1.6	4.9	5.0
050-070	1.5	1.6	.4									3.5	5.1	5.0
(E) 080-100	3.9	3.0	.3									7.2	5.0	4.0
110-130	2.8	1.5										4.3	3.6	3.5
140-160	4.0	1.9										5.9	3.9	4.0
(S) 170-190	2.7	1.7	.2									4.6	4.2	3.0
200-220	3.7	1.3	.3									5.3	4.2	4.0
230-250	6.9	3.2	.6									10.8	4.3	4.0
(W) 260-280	7.8	1.4	.2									9.5	3.2	3.0
290-310	4.4	.2										4.6	2.7	2.0
320-340	2.2	.3										2.5	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											39.0	////////	
TOTALS	41.7	16.8	2.3									100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.3	.3	.0								1.6	3.4	3.0
020-040	1.3	.6	.1	.0							2.0	4.0	3.0
050-070	2.1	2.2	.5	.1							4.8	5.4	5.0
(E) 080-100	5.2	4.2	.8								10.1	5.0	4.0
110-130	4.4	2.2	.2								6.9	4.1	4.0
140-160	5.0	3.1	.2								8.4	4.4	4.0
(S) 170-190	3.3	2.1	.3								5.7	4.5	4.0
200-220	2.4	2.4	.9	.1	.0						5.8	5.9	5.0
230-250	3.8	4.1	1.4	.4	.0						9.7	6.2	6.0
(W) 260-280	4.9	3.8	.7	.0							9.4	4.9	4.0
290-310	3.3	2.2	.3	.0							5.8	4.6	4.0
320-340	1.8	.8	.1	.0							2.7	4.2	4.0
VARIABLE	.0										.0	8.0	8.0
CALM	////////////////////////////////////										27.0	////////////////////////////////	
TOTALS	38.8	28.0	5.5	.6							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 7430

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.3										1.8	3.3	2.0
020-040	2.1	.6										2.7	3.2	2.0
050-070	2.9	1.7	.5									5.1	4.8	4.0
(E) 080-100	6.2	2.6	.2									9.0	3.8	3.0
110-130	4.6	2.2	.2									7.0	3.9	3.0
140-160	3.3	1.9	.1									5.3	4.2	4.0
(S) 170-190	2.1	.8										2.9	3.5	3.0
200-220	1.7	2.4	1.7	.2								6.0	7.1	7.0
230-250	2.9	4.4	2.0	.8	.1							10.2	7.2	7.0
(W) 260-280	3.8	2.1	1.0	.1								7.0	5.4	4.0
290-310	3.3	1.3	.2	.1								4.9	4.4	4.0
320-340	1.5	.4	.1	.1								2.1	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											36.1	////////////////////////////////	
TOTALS	35.9	20.7	6.0	1.3	.1							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 1260

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														4.0
020-040	1.2	1.3										2.5	4.6	5.0
050-070	2.8	3.8	.4									7.0	5.5	5.0
(E) 080-100	8.3	4.2	.8									13.2	4.4	4.0
110-130	3.2	.8	.2									4.2	3.9	3.0
140-160	3.1	.6	.1									3.9	3.4	3.0
(S) 170-190	3.7	1.1	.1									4.8	3.8	3.0
200-220	1.2	.6	.4									2.3	5.3	4.0
230-250	1.5	2.4	.4									4.3	5.6	5.0
(W) 260-280	1.3	.6	.1									2.0	4.1	3.0
290-310	.9	.3										1.2	4.0	3.0
320-340	.2	.1										.3	3.0	2.0
VARIABLE														
CALM	// //////////////////////////////////////											54.3	////////	
TOTALS	27.4	15.8	2.5									100.0	2.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.4	.1									.6	6.2	5.5
020-040	2.5	1.0	.1									3.5	3.9	3.0
050-070	3.3	4.0	.9									8.2	5.5	5.0
(E) 080-100	9.7	4.3	1.1									15.1	4.3	4.0
110-130	4.4	.8	.1	.1								5.4	3.6	3.0
140-160	4.6	.5	.1		.1							5.4	3.5	3.0
(S) 170-190	3.5	.9										4.4	3.4	3.0
200-220	1.3	.4		.2								1.9	4.9	3.5
230-250	.8	1.6	.4	.1								2.9	6.4	6.0
(W) 260-280	.8	.8	.4									1.9	5.9	5.5
290-310	.4	.2										.6	3.7	3.5
320-340	.5	.3										.9	4.1	3.5
VARIABLE														
CALM	////////////////////////////////////											49.1	////////	
TOTALS	31.9	15.2	3.2	.4	.1							100.0	2.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.2	.1									1.1	4.5	4.0
020-040	1.5	1.5	.4									3.4	5.3	5.5
050-070	3.4	5.4	.3									9.1	5.4	5.0
(E) 080-100	12.7	7.2	1.1									21.0	4.4	4.0
110-130	8.2	1.2	.1									9.5	3.3	3.0
140-160	6.9	1.5	.2		.1							8.7	3.8	3.0
(S) 170-190	1.5	.6	.1									2.3	4.2	4.0
200-220	2.6	.5	.2	.1								3.4	4.2	3.0
230-250	2.3	2.0	.4	.2								4.9	5.5	5.0
(W) 260-280	.9	.6	.1									1.6	4.9	4.0
290-310	.9	.5	.2	.1								1.7	5.6	4.5
320-340	.6	.2										.9	3.4	2.5
VARIABLE														
CALM	////////////////////////////////////											32.4	////////	
TOTALS	42.3	21.4	3.2	.4	.1							100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.9	.4									2.4	5.6	5.0
020-040	1.5	1.2	.5									3.2	5.4	5.0
050-070	2.5	5.8	.6	.2								9.1	6.4	6.0
(E) 080-100	6.2	8.3	1.8									16.3	5.7	5.0
110-130	5.8	3.8	.4									10.0	4.6	4.0
140-160	7.1	4.0	.4	.2								11.7	4.6	4.0
(S) 170-190	4.5	1.9	.1									6.6	4.1	4.0
200-220	3.1	2.0	.5	.2								5.9	5.1	4.0
230-250	2.9	2.9	.6	.1								6.6	5.8	5.0
(W) 260-280	3.1	1.7	.4	.1	.3							5.7	5.8	4.0
290-310	1.6	.6	.2									2.5	4.7	4.0
320-340	1.3	.2	.1									1.6	3.8	3.0
VARIABLE	.1											.1	2.0	2.0
CALM	////////////////////////////////////											18.3	////////	
TOTALS	40.8	33.3	6.0	.8	.3							100.0	4.3	4.5
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	1.2	.8									5.1	5.0	4.0
020-040	2.5	1.5	.5									4.5	4.9	4.0
050-070	3.0	4.5	1.1			.3						8.9	6.6	6.0
(E) 080-100	3.7	6.6	1.7		.1							12.0	6.3	6.0
110-130	3.2	2.7	.8									6.7	5.6	5.0
140-160	3.7	3.7	1.0	.1								8.4	5.6	5.0
(S) 170-190	4.1	2.6	.6	.1	.1	.1						7.6	5.7	4.0
200-220	2.3	1.8	1.0									5.1	5.7	5.0
230-250	4.3	2.9	1.6									8.8	5.5	5.0
(W) 260-280	4.8	6.0	1.8	.5	.1							13.3	6.3	6.0
290-310	2.7	3.2	.5									6.5	5.5	5.0
320-340	2.5	1.4										3.9	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											9.2	////////	
TOTALS	39.9	38.1	11.4	.7	.3	.4						100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.1	.2									3.4	4.7	4.0
020-040	1.6	2.3	.3									4.2	5.5	6.0
050-070	2.3	4.2	1.4	.1		.2						8.2	7.2	7.0
(E) 080-100	3.9	7.2	.8	.1	.1							12.0	6.0	6.0
110-130	1.3	1.6	.2									3.1	5.5	5.0
140-160	3.1	2.7	.1	.1								6.0	5.0	4.0
(S) 170-190	2.6	1.2	.2		.1							4.1	4.8	4.0
200-220	2.2	1.9	.4		.1	.1						4.7	5.7	5.0
230-250	2.7	5.8	2.0									10.5	6.7	7.0
(W) 260-280	6.5	9.4	2.0	.5								18.4	6.2	6.0
290-310	5.8	6.8	1.3									13.9	5.6	6.0
320-340	2.9	2.9	.2									6.0	4.8	5.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////	
TOTALS	37.1	47.1	9.1	.8	.3	.3						100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.4										1.5	3.9	4.0
020-040	1.5	1.2	.3	.1								3.1	5.2	5.0
050-070	2.9	2.4	.6									5.9	5.1	5.0
(E) 080-100	4.8	4.8	1.3	.1								11.1	5.7	5.0
110-130	2.7	.5	.1									3.3	3.5	3.0
140-160	3.2	1.5	.1									4.8	4.4	4.0
(S) 170-190	1.8	1.6	.2	.1								3.8	5.5	5.0
200-220	2.5	1.1	.2		.1							3.9	4.8	4.0
230-250	4.8	4.1	.9									9.8	5.2	5.0
(W) 260-280	9.9	8.4	1.0									19.2	4.6	4.0
290-310	9.1	4.1	.1									13.3	4.0	4.0
320-340	2.7	1.6	.1									4.4	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											15.8	////////	
TOTALS	47.0	31.7	4.9	.3	.1							100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.2										1.1	3.2	3.0
020-040	1.3	.6	.3									2.3	4.8	4.0
050-070	1.6	2.6	.3									4.5	5.7	5.5
(E) 080-100	4.2	6.8	1.7									12.7	5.8	6.0
110-130	2.3	1.3	.1									3.7	4.1	4.0
140-160	3.7	.6										4.3	3.5	3.5
(S) 170-190	2.6	1.4	.1									4.1	4.1	4.0
200-220	3.4	1.3	.3									5.1	4.3	3.0
230-250	4.8	2.2	.2	.1								7.3	4.2	4.0
(W) 260-280	4.6	1.2	.1									5.9	3.4	3.0
290-310	1.6	.1										1.7	2.6	2.0
320-340	.5	.4										1.0	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											46.5	////////	
TOTALS	31.5	18.7	3.1	.1								100.0	2.4	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.6	.2									1.9	4.8	4.0
020-040	1.7	1.3	.3	.0								3.3	5.0	4.0
050-070	2.7	4.1	.7	.0		.1						7.6	6.0	6.0
(E) 080-100	6.7	6.2	1.3	.0	.0							14.2	5.2	5.0
110-130	3.9	1.6	.3	.0								5.7	4.2	4.0
140-160	4.4	1.9	.3	.1	.0							6.7	4.4	4.0
(S) 170-190	3.0	1.4	.2	.0	.0	.0						4.7	4.5	4.0
200-220	2.3	1.2	.4	.1	.0	.0						4.0	5.0	4.0
230-250	3.0	3.0	.8	.1								6.9	5.6	5.0
(W) 260-280	4.0	3.6	.8	.1	.1							8.5	5.4	5.0
290-310	2.9	2.0	.3	.0								5.2	4.8	4.0
320-340	1.4	.9	.1									2.4	4.3	4.0
VARIABLE	.0											.0	2.0	2.0
CALM	////////////////////////////////////											28.9	////////////////////////////////	
TOTALS	37.1	27.8	5.7	.4	.1	.1						100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.3										.9	3.6	3.0
020-040	1.3	.8	.4									2.5	4.9	4.0
050-070	1.9	1.2	.9			.3						4.3	6.9	6.0
(E) 080-100	7.3	1.9	.4	.1	.1							9.9	4.1	3.5
110-130	3.6	.9	.1									4.7	3.4	3.0
140-160	4.3	.5	.4									5.2	3.8	3.0
(S) 170-190	2.3	.5	.3	.1								3.2	4.5	3.0
200-220	1.9	.7	1.1	.4								4.0	6.9	5.0
230-250	2.3	2.3	.9	.1								5.6	6.2	5.5
(W) 260-280	2.1	1.6	.9									4.7	5.6	6.0
290-310	1.5	.8	.1	.1								2.5	5.2	4.0
320-340	1.5	.8										2.3	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											50.3	////////	
TOTALS	30.7	12.3	5.5	.8	.1	.3						100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 751

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.3										1.0	4.0	4.0
020-040	1.9	1.2	.2									3.3	4.3	4.0
050-070	4.3	3.4	.2									8.0	4.6	4.0
(E) 080-100	9.2	4.4	.8									14.4	4.3	4.0
110-130	3.3	.3										3.7	2.7	2.0
140-160	2.9	.4										3.3	2.7	2.0
(S) 170-190	2.2											2.2	2.2	2.0
200-220	.9	.2	.2									1.3	4.9	3.5
230-250	1.6	.7	.6									2.8	5.1	4.0
(W) 260-280	1.1	.4										1.6	3.1	2.0
290-310	.9	.4	.1									1.4	4.0	4.0
320-340	1.9	.7										2.6	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											54.3	////////	
TOTALS	30.9	12.4	2.1									100.0	1.8	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.2										1.2	3.0	3.0
020-040	2.3	.8										3.1	3.9	3.0
050-070	5.6	4.2	.3		.1							10.2	4.6	4.0
(E) 080-100	12.8	4.7	.4									17.9	3.7	3.0
110-130	3.0	.9										3.9	3.1	3.0
140-160	2.6	.3	.1									3.0	2.7	2.0
(S) 170-190	.9	.1										1.0	3.2	3.0
200-220	1.0	.3										1.3	3.3	3.0
230-250	.8	.8										1.6	4.6	4.5
(W) 260-280	.7	.3										1.0	4.8	4.0
290-310	1.3	.8										2.1	4.4	4.0
320-340	.9	1.2										2.1	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											51.6	////////	
TOTALS	32.9	14.6	.8		.1							100.0	1.9	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.7	.4										1.1	4.5	4.0
020-040	2.4	.6										3.0	3.3	3.0
050-070	5.0	4.6	1.2									10.8	5.2	5.0
(E) 080-100	15.0	6.1	.4									21.6	3.9	4.0
110-130	6.4	1.4	.1									8.0	3.3	3.0
140-160	2.8	.6	.1									3.4	3.2	2.0
(S) 170-190	1.2	.4										1.7	3.2	2.0
200-220	.9	.2	.2	.2								1.6	6.4	4.0
230-250	.7	.2										.9	3.4	3.0
(W) 260-280	1.7	.4										2.1	3.6	3.0
290-310	.9	.6	.1									1.6	4.4	3.5
320-340	.9	.2										1.1	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											43.2	////////////////////////////////	
TOTALS	39.6	15.7	2.1	.2								100.0	2.3	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	1.1	.1									3.0	4.3	4.0
020-040	2.6	1.6	.2									4.3	4.5	4.0
050-070	5.8	7.6	2.0	.2								15.6	5.9	5.0
(E) 080-100	10.7	10.2	1.8									22.7	5.2	5.0
110-130	5.8	3.2	.3									9.3	4.2	4.0
140-160	4.7	2.1	.7									7.4	4.5	4.0
(S) 170-190	2.8	1.2	.2									4.2	3.9	3.0
200-220	1.9	1.1	.8									3.8	5.8	4.5
230-250	3.0	1.6	.2									4.8	4.4	4.0
(W) 260-280	1.9	1.4	.2									3.6	4.7	4.0
290-310	1.6	1.2	.6									3.3	5.4	5.0
320-340	2.0	1.4	.3									3.8	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											14.2	////////	
TOTALS	44.6	33.7	7.4	.2								100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.7	.2									3.9	4.6	4.0
020-040	3.2	2.1	.8									6.1	5.0	4.0
050-070	3.3	5.9	2.3	.2								11.8	6.8	6.0
(E) 080-100	5.8	7.7	1.9									15.3	5.7	5.0
110-130	2.8	2.6	.4	.1								5.9	5.1	5.0
140-160	3.3	1.4	.8	.1								5.7	4.9	4.0
(S) 170-190	2.0	1.2	.2									3.4	4.3	3.0
200-220	2.1	1.7	.6	.2								4.6	5.8	5.0
230-250	3.0	2.7	.7	.1								6.4	5.5	5.5
(W) 260-280	4.2	5.3	2.9									12.4	6.3	6.0
290-310	3.8	4.3	1.7									9.8	6.0	5.5
320-340	3.3	1.3	.7									5.3	4.6	4.0
VARIABLE	.4											.4	8.0	8.0
CALM	////////////////////////////////////											8.9	////////////////////////////////	
TOTALS	38.8	38.3	13.2	.7								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.1	.1									3.6	4.2	3.5
020-040	2.1	2.8	.4									5.3	5.6	6.0
050-070	3.2	5.1	1.3									9.7	6.2	6.0
(E) 080-100	4.3	6.4	2.0	.1								12.9	5.9	6.0
110-130	1.3	1.7	.1									3.1	5.1	5.0
140-160	1.4	.7	.3									2.4	5.0	4.0
(S) 170-190	2.8	1.1	.2	.2								4.3	4.7	4.0
200-220	.6	.8	.7									2.0	7.0	6.0
230-250	2.2	1.8	1.1	.1								5.2	6.2	6.0
(W) 260-280	5.9	10.2	3.4									19.6	6.3	6.0
290-310	4.9	9.1	2.4									16.4	6.1	6.0
320-340	4.3	2.8	.8									7.9	5.0	4.0
VARIABLE			.2									.2	11.5	11.5
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	35.3	43.6	13.0	.4								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.4										1.6	3.6	3.0
020-040	2.9	1.8										4.7	4.0	4.0
050-070	2.3	3.4	.9									6.7	5.7	5.0
(E) 080-100	4.3	3.4	.6									8.3	4.7	4.0
110-130	1.9	.8	.1									2.8	4.0	4.0
140-160	1.6	.6	.2									2.3	4.4	3.0
(S) 170-190	1.9	.3	.4									2.7	4.2	3.0
200-220	2.0	.6	.3									2.9	4.3	4.0
230-250	2.3	2.2		.1								4.7	4.8	4.5
(W) 260-280	11.6	5.0	.4									17.0	4.0	4.0
290-310	10.2	3.8	.7									14.7	4.0	4.0
320-340	4.2	1.4										5.7	3.8	4.0
VARIABLE			.1									.1	12.0	12.0
CALM	////////////////////////////////////											26.0	////////	
TOTALS	46.3	23.7	3.7	.1								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	.3										1.7	3.0	2.0
020-040	.6	.4										1.0	3.8	3.0
050-070	2.8	4.2	1.0									8.0	5.9	6.0
(E) 080-100	5.9	3.1	.6									9.6	4.6	4.0
110-130	3.1	.4										3.6	2.8	2.0
140-160	2.9	.3										3.2	2.4	2.0
(S) 170-190	2.1	.3	.1									2.6	3.3	2.0
200-220	1.0	.8	.2									2.0	5.2	4.5
230-250	3.3	.8	.1									4.2	3.8	3.0
(W) 260-280	2.9	.7										3.6	3.6	3.0
290-310	1.8	1.1	.2									3.1	4.5	4.0
320-340	1.1	.3										1.4	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											56.1	////////////////////////////////	
TOTALS	28.8	12.7	2.2									100.0	1.8	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: ALL

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		1.4	.7	.1								2.1	4.0	4.0
020-040		2.3	1.4	.2								3.9	4.5	4.0
050-070		4.0	4.8	1.2	.1	.0						10.1	5.7	5.0
(E) 080-100		8.5	5.8	1.1	.0							15.3	4.7	4.0
110-130		3.5	1.4	.1	.0							5.0	3.8	3.5
140-160		2.8	.8	.3	.0							3.9	3.9	3.0
(S) 170-190		2.0	.6	.2	.0							2.8	3.8	3.0
200-220		1.3	.7	.4	.1							2.4	5.5	4.0
230-250		2.1	1.3	.3	.0							3.8	5.0	4.0
(W) 260-280		3.7	3.0	.9								7.6	5.2	5.0
290-310		3.2	2.7	.7								6.6	5.1	5.0
320-340		2.3	1.2	.2								3.7	4.5	4.0
VARIABLE			.1	.0								.1	9.6	9.0
CALM		////////////////////////////////////										32.7	////////////////////////////////	
TOTALS		37.1	24.5	5.7	.2							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.7										1.5	4.1	3.0
020-040	2.1	2.0	.2									4.3	4.8	4.5
050-070	3.8	3.8	.5									8.0	4.9	5.0
(E) 080-100	8.9	3.8	.3									13.0	3.9	3.0
110-130	4.1	1.6	.5									6.2	4.4	4.0
140-160	2.0	.3		.2								2.5	3.7	2.0
(S) 170-190	1.0	.3	.2									1.5	4.3	4.0
200-220	.8	.8	.5									2.1	6.6	8.0
230-250	1.3	1.3	.2									2.8	5.1	5.0
(W) 260-280	1.3	.7	.2									2.1	4.3	4.0
290-310	1.1	.8	.5									2.5	5.9	5.0
320-340	1.1	1.5	.3									3.0	5.8	5.0
VARIABLE														
CALM	////////////////////											50.7	////////	
TOTALS	28.3	17.6	3.4	.2								100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 610

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	.2	.1	.1								1.3	5.5	4.0
020-040	2.6	.3										2.9	2.7	2.0
050-070	4.7	2.3										7.0	3.6	3.0
(E) 080-100	8.7	1.5	.1									10.3	2.9	2.0
110-130	3.3	.4										3.8	2.6	2.0
140-160	2.5	.1										2.6	2.5	2.0
(S) 170-190	2.3	.5										2.8	3.3	3.0
200-220	1.5	.4	.3									2.3	4.3	4.0
230-250	1.2	.4	.1		.1	.1						1.9	6.4	4.0
(W) 260-280	1.7	1.2	.1		.1							3.1	5.2	4.0
290-310	2.7	1.2	.4									4.3	4.6	4.0
320-340	3.0	1.3										4.3	3.9	3.5
VARIABLE														
CALM	////////////////////////////////////											53.6	////////////////////////////////	
TOTALS	35.1	9.8	1.1	.1	.2	.1						100.0	1.7	3.0
TOTAL NUMBER OF OBSERVATIONS 933														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.4										1.8	3.2	3.0
020-040	4.3	.5										4.8	2.6	2.0
050-070	5.4	1.9	.1									7.4	3.6	3.0
(E) 080-100	10.0	1.8	.1									11.9	3.2	3.0
110-130	4.2	.3										4.5	3.0	3.0
140-160	2.8	.3	.1									3.2	3.2	3.0
(S) 170-190	1.2	.4	.1									1.7	3.9	2.5
200-220	.9	.4	.1									1.4	4.8	3.0
230-250	.2	1.1	.2		.3							1.8	8.9	6.0
(W) 260-280	1.8	.6	.2	.2								2.9	5.3	4.0
290-310	2.0	1.6										3.6	4.4	4.0
320-340	1.6	1.1	.2									2.9	4.5	4.0
VARIABLE														
CALM	////////////////////											52.0	////////	
TOTALS	35.8	10.4	1.1	.2	.3							100.0	1.8	3.0
TOTAL NUMBER OF OBSERVATIONS 933														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.5										2.0	3.6	2.0
020-040	2.4	.3										2.7	2.9	2.0
050-070	4.7	2.4										7.1	3.8	3.0
(E) 080-100	15.8	3.1	.1									19.0	3.3	3.0
110-130	5.9	1.0										6.9	2.9	2.0
140-160	4.1	.8										4.8	3.1	2.0
(S) 170-190	1.3	.3										1.6	3.1	2.0
200-220	1.1	.3										1.4	3.8	4.0
230-250	.6	.3	.1	.1								1.2	5.7	4.0
(W) 260-280	1.1	.9	.3	.2	.1							2.6	6.7	5.5
290-310	1.3	1.1	.3									2.7	5.3	5.0
320-340	1.5	1.2	.4									3.1	5.0	5.0
VARIABLE					.1							.1	25.0	25.0
CALM	////////////////////////////////////											44.9	////////////////////////////////	
TOTALS	41.3	12.2	1.2	.3	.1	.1						100.0	2.1	3.0
TOTAL NUMBER OF OBSERVATIONS 933														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.3	.4	.1								4.0	5.4	4.0
020-040	3.1	1.0	.1									4.2	3.9	4.0
050-070	4.8	3.8	.1									8.7	4.5	4.0
(E) 080-100	11.5	6.1	.3									18.0	4.2	4.0
110-130	7.3	3.0	.2									10.5	3.9	4.0
140-160	4.1	3.7	.2									8.0	4.6	4.0
(S) 170-190	1.8	.5	.1									2.5	4.0	3.0
200-220	1.7	.3										2.0	3.5	3.0
230-250	1.8	1.2	.1									3.1	4.4	4.0
(W) 260-280	2.0	1.9	.5									4.5	5.5	5.0
290-310	2.0	1.7	1.2									4.9	6.1	5.5
320-340	2.6	3.3	1.7	.2	.1							8.0	6.8	6.0
VARIABLE		.1	.3		.1	.2						.8	16.4	11.0
CALM	////////////////////////////////////											20.9	////////////////////////////////	
TOTALS	44.9	27.9	5.2	.3	.2	.2						100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.5										3.3	4.5	4.0
020-040	2.9	1.0	.1									4.0	3.4	3.0
050-070	3.3	2.0	.4									5.8	4.7	4.0
(E) 080-100	3.0	4.3	.4									7.7	5.6	6.0
110-130	3.7	1.5	.6									5.8	4.5	3.5
140-160	3.0	1.9	.5									5.5	5.0	4.0
(S) 170-190	1.7	1.1	.2									3.0	4.7	4.0
200-220	2.2	1.4	.3									3.9	5.0	4.0
230-250	2.8	3.5	.9									7.5	5.6	5.0
(W) 260-280	6.2	8.3	2.0	.3	.1							17.0	6.2	6.0
290-310	4.1	6.1	3.9	.8	.1							14.9	7.2	6.0
320-340	3.2	4.7	1.3	.3	.2							9.8	6.8	6.0
VARIABLE	.1	.3	.2		.1	.1	.1					1.0	14.3	10.0
CALM	////////////////////////////////////											10.8	//////////	
TOTALS	38.0	38.0	10.8	1.4	.5	.1	.1					100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	.9	.3									3.8	4.2	3.0
020-040	2.8	1.2	.3									4.3	4.6	4.0
050-070	1.4	2.8										4.2	5.1	5.0
(E) 080-100	1.8	1.9	.3									4.1	5.3	6.0
110-130	1.3	.6										1.9	3.7	3.0
140-160	1.4	1.6	.2									3.2	5.4	5.0
(S) 170-190	.8	.6										1.4	4.6	4.0
200-220	1.2	.4	.2									1.8	4.5	4.0
230-250	1.8	5.4	2.4									9.6	6.8	6.0
(W) 260-280	7.4	12.7	4.3	.3	.1	.1	.1					25.1	6.6	6.0
290-310	5.6	11.2	4.9	.5								22.3	7.0	6.0
320-340	3.2	4.1	2.3	.8								10.3	7.1	6.0
VARIABLE	.1	.4	.3		.1	.1						1.1	11.3	9.0
CALM	////////////////////////////////////											7.0	////////////////////////////////	
TOTALS	31.4	43.8	15.5	1.6	.2	.2	.1					100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	.6	.2									3.5	3.9	3.0
020-040	1.5	1.0										2.5	3.6	3.0
050-070	1.7	1.4										3.1	4.6	4.0
(E) 080-100	2.5	1.4										3.9	3.8	3.0
110-130	1.8	1.0										2.8	3.5	2.0
140-160	1.6	.5										2.2	3.3	2.5
(S) 170-190	1.9	.2										2.2	2.6	2.0
200-220	2.8	.9	.1									3.8	3.7	3.0
230-250	5.1	1.2	.5									6.8	4.1	4.0
(W) 260-280	12.3	3.3	.4		.3							16.3	4.2	3.0
290-310	9.4	5.4	.8	.3	.2							16.0	4.7	4.0
320-340	4.6	1.5	.6	.3								7.1	4.8	3.0
VARIABLE			.2	.1								.3	11.7	10.0
CALM	////////////////////////////////////											29.6	////////////////////////////////	
TOTALS	47.9	18.4	2.8	.7	.5							100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	1.6	1.1	.3									3.0	4.9	4.0
020-040	1.0	.1										1.1	2.7	2.0
050-070	2.8	1.0										3.8	3.6	3.0
(E) 080-100	5.8	2.4										8.2	3.6	3.0
110-130	3.5	.2										3.8	2.5	2.0
140-160	4.4	.6										5.1	2.6	2.0
(S) 170-190	2.6	.3										2.9	2.1	2.0
200-220	2.0	1.1	.2									3.3	4.4	4.0
230-250	2.8	.8	.1	.1	.1	.2						4.1	5.5	3.0
(W) 260-280	1.8	1.2	.1		.1							3.2	5.0	4.0
290-310	2.2	2.2	.2	.2								4.7	5.6	5.0
320-340	2.6	1.5		.3								4.4	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											52.5	////////////////////////////////	
TOTALS	33.1	12.5	.9	.6	.2	.2						100.0	1.9	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		1.8	.8	.2	.0								2.8	4.4	4.0
020-040		2.6	.7	.1									3.3	3.4	3.0
050-070		3.6	2.2	.1									5.9	4.1	4.0
(E) 080-100		7.4	2.8	.2									10.4	3.8	3.0
110-130		3.9	1.0	.1									5.0	3.4	3.0
140-160		3.0	1.2	.1									4.3	3.9	3.0
(S) 170-190		1.7	.5	.1									2.3	3.5	3.0
200-220		1.7	.7	.2									2.5	4.3	4.0
230-250		2.0	1.8	.6	.0	.1	.0						4.5	5.7	5.0
(W) 260-280		4.3	3.8	1.0	.1	.1	.0	.0					9.3	5.7	5.0
290-310		3.7	3.8	1.5	.2	.0							9.2	6.1	5.0
320-340		2.8	2.3	.8	.2	.0							6.2	5.9	5.0
VARIABLE		.0	.1	.1	.0	.0	.1	.0					.4	13.9	10.0
CALM		////////////////////////////////////										33.9	////////////////////////////////		
TOTALS		38.5	21.7	5.1	.5	.2	.1						100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 7449

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.3	.3									3.5	4.8	4.0
020-040	3.6	1.3	.1									5.1	3.5	3.0
050-070	4.9	2.0										7.0	3.6	2.5
(E) 080-100	8.7	2.8	.1									11.6	3.6	3.0
110-130	5.5	.9										6.4	2.9	2.5
140-160	3.0	.9										3.9	3.3	2.0
(S) 170-190	.7	.3										1.0	3.7	3.0
200-220	1.2	.3	.1									1.6	3.9	3.0
230-250	1.2	.9	.3									2.3	5.6	4.5
(W) 260-280	1.9	1.0	.1									3.0	4.1	4.0
290-310	1.6	1.3										2.9	4.4	2.5
320-340	2.6	.6		.3								3.5	4.3	3.0
VARIABLE														
CALM	////////////////////											48.3	////////	
TOTALS	36.8	13.6	1.0	.3								100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 690

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	2.1										6.3	4.1	4.0
020-040	2.3	.4	.1									2.9	3.3	2.5
050-070	3.0	1.1	.4									4.6	4.4	3.0
(E) 080-100	7.1	2.2	.1	.1								9.6	3.7	3.0
110-130	6.3	.6										6.9	2.9	2.0
140-160	3.3	.2										3.6	2.7	2.0
(S) 170-190	1.6	.7	.1									2.3	4.1	3.0
200-220	.6	.8										1.3	5.3	6.0
230-250	.7	1.1	.2									2.0	5.4	5.5
(W) 260-280	.8	.3	.3									1.4	5.4	4.0
290-310	2.2	2.0	.8	.1								5.1	5.7	5.0
320-340	4.4	3.6	.3	.2								8.6	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											45.4	////////////////////////////////	
TOTALS	36.5	15.1	2.3	.4								100.0	2.3	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.7	.2									5.1	4.5	4.0
020-040	3.6	.2										3.8	2.6	2.0
050-070	3.8	1.1										4.9	3.3	2.0
(E) 080-100	9.7	2.2	.6									12.4	3.7	3.0
110-130	4.7	1.7										6.3	3.4	3.0
140-160	3.9	.7										4.6	3.1	3.0
(S) 170-190	2.0	.8										2.8	4.0	4.0
200-220	.2	.6										.8	5.9	7.0
230-250	.2	1.1	.4									1.8	7.2	7.0
(W) 260-280	1.6	1.1	.2									2.9	4.5	4.0
290-310	2.2	1.6	.6	.1								4.4	5.4	4.5
320-340	4.6	2.8	.4									7.8	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											42.4	////////	
TOTALS	39.7	15.6	2.4	.1								100.0	2.3	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	.6	.1									3.3	3.3	2.0
020-040	2.7	.6										3.2	2.7	2.0
050-070	3.8	2.2	.1									6.1	4.0	3.0
(E) 080-100	8.8	3.7	.2									12.7	3.9	4.0
110-130	7.3	1.8										9.1	3.3	3.0
140-160	5.3	2.4										7.8	3.7	3.5
(S) 170-190	1.6	.7										2.2	4.0	3.5
200-220	.8	.6										1.3	4.3	3.0
230-250	1.1	.8	.2									2.1	4.7	4.0
(W) 260-280	1.0	.4	.3									1.8	5.6	4.0
290-310	2.2	1.8	.8									4.8	5.6	5.0
320-340	2.9	3.3	.4									6.7	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											38.9	////////	
TOTALS	40.2	18.9	2.1									100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.2	.3									4.7	5.3	5.0
020-040	1.8	.7										2.4	3.9	4.0
050-070	3.1	1.9										5.0	4.3	4.0
(E) 080-100	9.3	5.8	.1									15.2	4.2	4.0
110-130	6.9	4.2	.1									11.2	4.2	4.0
140-160	3.9	4.3										8.2	4.6	5.0
(S) 170-190	3.7	1.7	.3									5.7	4.4	4.0
200-220	1.0	.8	.1									1.9	4.8	4.0
230-250	.6	1.2	.3	.1								2.2	6.9	7.0
(W) 260-280	1.2	1.4	.2	.2	.1							3.2	6.6	6.0
290-310	1.9	3.2	2.0	.4								7.6	7.5	7.0
320-340	4.0	3.6	2.4	.3								10.3	6.7	7.0
VARIABLE														
CALM	////////////////////////////////////											22.3	////////////////////////////////	
TOTALS	39.5	31.0	5.8	1.0	.1							100.0	4.0	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.6	.2									5.0	4.1	3.0
020-040	2.3	.4	.2									3.0	3.5	3.0
050-070	2.4	2.1										4.6	4.6	4.0
(E) 080-100	3.6	3.0	.4									7.0	4.7	4.0
110-130	2.4	2.2	.3									5.0	4.8	5.0
140-160	2.2	2.2	.4									4.9	5.5	5.0
(S) 170-190	2.6	2.0	.1									4.7	4.7	4.0
200-220	1.6	1.9	.9	.1								4.4	6.2	6.0
230-250	2.8	3.7	1.3	.2								8.0	6.3	6.0
(W) 260-280	5.0	5.6	2.7	.1	.1							13.4	6.2	6.0
290-310	4.0	6.8	6.0	1.3	.1							18.2	8.2	8.0
320-340	3.1	4.6	3.7	.6	.1							12.0	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////	
TOTALS	35.2	36.1	16.2	2.3	.3							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.0	.3									2.2	5.2	5.0
020-040	2.9	.2	.3									3.4	3.8	3.0
050-070	2.0	1.8										3.8	4.8	4.0
(E) 080-100	1.4	1.2	.1									2.8	4.8	4.0
110-130	1.6	1.1	.3									3.0	5.2	4.0
140-160	1.0	1.1	.2									2.3	5.0	5.0
(S) 170-190	1.8	.6	.1									2.4	3.9	3.0
200-220	1.1	.2	.2									2.3	5.2	5.0
230-250	3.6	5.1	1.1	.1								9.9	5.9	5.0
(W) 260-280	6.7	10.8	3.2	.6	.1							21.3	6.4	6.0
290-310	5.1	13.4	5.8	1.2	.2							25.8	7.6	7.0
320-340	3.2	4.9	3.4	.6								12.1	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											8.6	////////	
TOTALS	31.3	42.1	15.1	2.5	.3							100.0	5.8	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.2	.1									2.8	4.8	4.0
020-040	2.2	.8										3.0	3.6	3.0
050-070	2.2	.4										2.7	3.4	3.0
(E) 080-100	2.1	1.1	.1									3.3	4.3	4.0
110-130	1.8	.9										2.7	3.7	3.5
140-160	2.2	.8										3.0	3.4	2.0
(S) 170-190	3.3	.1	.1									3.6	3.0	2.0
200-220	3.1	1.3	.1									4.6	3.9	3.0
230-250	3.9	1.9	.2									6.0	4.1	4.0
(W) 260-280	6.6	2.6	1.1									10.2	4.7	4.0
290-310	7.1	4.9	2.1	.1								14.2	5.5	4.5
320-340	4.4	3.6	2.3	.1	.1							10.6	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											33.4	////////	
TOTALS	40.3	19.6	6.1	.2	.1							100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.8										3.8	4.8	4.0
020-040	2.6	.6	.1									3.2	3.3	3.0
050-070	1.8	1.4										3.2	4.3	4.0
(E) 080-100	5.7	1.2	.2	.1								7.2	3.7	3.0
110-130	3.9	.4										4.3	2.7	2.0
140-160	4.3	.7										5.0	3.1	2.0
(S) 170-190	2.3	.2										2.6	2.9	2.0
200-220	2.0	.8										2.8	4.0	3.0
230-250	1.4	1.1	.3									2.9	5.2	4.5
(W) 260-280	1.0	1.8	.9									3.7	6.5	6.0
290-310	2.7	3.3	1.1									7.1	5.9	6.0
320-340	4.2	4.0	1.0	.1								9.3	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											44.9	////////	
TOTALS	33.9	17.3	3.6	.2								100.0	2.5	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.5	.2									4.2	4.4	4.0
020-040	2.5	.5	.1									3.1	3.3	3.0
050-070	2.8	1.5	.1									4.3	4.1	3.0
(E) 080-100	6.0	2.6	.2	.0								8.8	4.0	4.0
110-130	4.4	1.6	.1									6.1	3.7	3.0
140-160	3.3	1.6	.1									4.9	3.9	3.0
(S) 170-190	2.3	.8	.1									3.3	4.0	3.0
200-220	1.3	.9	.2	.0								2.4	4.9	4.0
230-250	1.8	2.0	.5	.1								4.4	5.7	5.0
(W) 260-280	2.0	3.0	1.1	.1	.0							7.2	5.9	5.0
290-310	3.4	4.6	2.4	.4	.0							10.9	6.9	6.0
320-340	3.9	3.8	1.8	.2	.0							9.7	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											30.7	////////////////////////////////	
TOTALS	37.2	24.4	6.9	.8								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.5										2.0	3.1	2.0
020-040	4.1	1.0	.2									5.3	3.2	2.0
050-070	4.2	1.2										5.4	3.2	2.0
(E) 080-100	6.1	2.4	.3									8.8	3.9	3.0
110-130	4.6	1.5	.2									6.3	3.6	3.0
140-160	2.4	1.0										3.4	3.6	2.5
(S) 170-190	2.9	.5										3.4	2.8	2.0
200-220	1.0											1.0	2.7	2.0
230-250	2.2	.5	.2									2.9	3.6	2.0
(W) 260-280	2.9	2.4	.2		.2							5.6	5.3	4.0
290-310	2.4	1.7	.5	.2								4.8	5.8	4.5
320-340	4.1	1.2	.5									5.8	4.1	3.5
VARIABLE														
CALM	////////////////////////////////////											45.3	////////	
TOTALS	38.4	13.9	2.1	.2	.2							100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 589

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.6	.3	.1								3.9	5.4	5.0
020-040	1.7	.5										2.3	3.2	2.0
050-070	2.3	.5										3.3	2.9	2.0
(E) 080-100	6.2	.3	.1									6.7	2.8	3.0
110-130	4.3	.6										4.9	3.0	3.0
140-160	5.9	1.4	.1									7.4	3.4	3.0
(S) 170-190	1.5	.3										1.8	2.8	2.0
200-220	.8	.8	.1									1.6	5.0	5.0
230-250	.9	.6	.3									1.8	5.5	5.0
(W) 260-280	1.5	.6	.3	.1								2.6	5.2	4.0
290-310	2.8	2.2	1.3									6.2	5.9	5.0
320-340	2.3	3.4	1.7	.2								7.6	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											49.8	////////	
TOTALS	32.5	12.8	4.2	.4								100.0	2.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.5	.8	.2								3.9	6.8	6.0
020-040	3.0	.5										3.7	3.1	3.0
050-070	2.6	.6										3.2	3.1	3.0
(E) 080-100	6.2	1.5										7.7	3.1	3.0
110-130	5.6	.4										6.0	2.7	2.0
140-160	4.9	1.6	.1									6.7	3.6	4.0
(S) 170-190	2.4	.5										2.9	3.5	3.0
200-220	.5		.1									.6	4.5	4.0
230-250	.5	.9										1.4	5.4	6.0
(W) 260-280	1.5	.9	.2									2.6	5.1	4.0
290-310	1.6	2.3	.9									4.7	6.3	6.0
320-340	3.9	2.5	2.0	.3	.1							8.8	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											47.7	////////////////////////////////	
TOTALS	34.1	13.3	4.1	.5	.1							100.0	2.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.7	.2									3.9	4.7	4.5
020-040	2.0	.5										2.6	2.6	2.0
050-070	3.5	.5										4.1	2.9	2.0
(E) 080-100	7.2	1.9	.1									9.2	3.4	3.0
110-130	5.9	1.2										7.1	3.2	3.0
140-160	4.3	2.3										6.6	3.9	4.0
(S) 170-190	1.4	.9										2.3	4.0	4.0
200-220	.6	.3										1.0	4.0	3.0
230-250	.9	.9										1.7	4.4	4.5
(W) 260-280	1.1	1.1	.4									2.6	5.5	5.0
290-310	1.5	2.3	.6									4.4	5.7	6.0
320-340	3.3	3.0	2.2	.1								8.6	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											46.0	////////	
TOTALS	33.6	16.6	3.5	.1								100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.0	.6	.1								7.5	5.2	4.5
020-040	2.4	.3	.1									2.8	3.3	2.5
050-070	2.9	1.0	.1									4.0	3.5	3.0
(E) 080-100	6.8	3.5										10.3	3.8	3.5
110-130	5.7	2.4	.1									8.2	4.0	4.0
140-160	4.7	4.3	.1									9.1	4.5	4.0
(S) 170-190	1.6	1.0										2.6	4.0	4.0
200-220	.8	.4										1.2	4.5	4.0
230-250	1.4	1.6	.2									3.2	5.6	6.0
(W) 260-280	1.6	1.1	.4									3.1	5.2	4.0
290-310	1.7	2.2	1.3	.2								5.4	7.1	8.0
320-340	2.4	4.7	4.2	.5								11.8	8.0	8.0
VARIABLE	.1											.1	3.0	3.0
CALM	////////////////////////////////////											30.6	////////	////////
TOTALS	35.9	25.5	7.1	.8								100.0	3.6	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.4	.6	.1								5.2	5.0	4.0
020-040	2.2	.2	.1									2.5	3.4	3.0
050-070	1.3	1.0										2.3	4.3	4.0
(E) 080-100	1.7	2.6										4.3	5.0	5.0
110-130	2.4	2.0										4.4	4.4	4.0
140-160	2.3	2.3	.3									4.8	5.0	5.0
(S) 170-190	1.8	1.8	.2									3.9	5.0	5.0
200-220	1.6	1.6	.8									4.0	5.9	6.0
230-250	1.6	1.4	1.1	.1								4.2	6.3	6.0
(W) 260-280	5.5	5.7	2.6									13.8	6.0	6.0
290-310	4.9	8.2	4.8	1.4								19.4	7.7	8.0
320-340	3.1	5.5	6.2	.5	.2							15.6	8.4	8.0
VARIABLE	.6											.6	1.2	1.0
CALM	////////////////////////////////////											15.2	////////	
TOTALS	32.0	33.7	16.7	2.1	.2							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.4	.2	.1	.1							2.9	5.3	4.0
020-040	1.3	.3										1.6	2.8	2.0
050-070	1.4	.6										2.0	3.9	3.0
(E) 080-100	1.5	.9										2.4	4.1	4.0
110-130	1.2	.6										1.8	3.8	3.0
140-160	1.4	.8	.2									2.4	4.5	4.0
(S) 170-190	1.9	1.1	.1									3.1	4.6	4.0
200-220	2.0	1.5	.2									3.8	4.7	4.0
230-250	3.4	2.4	1.2									7.0	5.3	5.0
(W) 260-280	6.6	7.2	2.5	.2								16.5	5.7	5.0
290-310	7.4	11.4	7.1	.1								26.0	6.9	7.0
320-340	4.6	7.2	5.5	.9								18.2	7.5	8.0
VARIABLE	.2											.2	2.5	2.5
CALM	////////////////////////////////////											12.2	////////////////////////////////	
TOTALS	34.9	34.4	17.0	1.3	.1							100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.3		.4								2.6	5.2	3.5
020-040	1.3											1.3	2.1	2.0
050-070	.8											.8	2.7	2.0
(E) 080-100	2.9	.4										3.3	3.3	3.0
110-130	2.6	.9										3.4	3.3	3.0
140-160	4.5	.2										4.7	2.5	2.0
(S) 170-190	3.5	.5	.1									4.2	3.2	2.0
200-220	2.3	1.1	.1									3.4	4.1	3.0
230-250	2.7	1.6										4.3	4.0	3.5
(W) 260-280	4.9	3.0	.3									8.3	4.3	4.0
290-310	8.2	6.0	1.4	.1								15.7	5.0	4.0
320-340	4.2	4.2	2.0	.2	.1							10.8	6.5	6.0
VARIABLE	.1		.1									.2	5.5	5.5
CALM	////////////////////////////////////											37.0	////////	
TOTALS	39.8	18.2	4.0	.7	.1							100.0	2.8	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.7	.5	.1	.2							4.6	6.4	5.0
020-040	1.6	.2										1.8	2.8	2.0
050-070	2.2	.3										2.5	2.8	2.0
(E) 080-100	4.2	.6										4.8	3.2	3.0
110-130	4.6	.6										5.3	2.9	2.0
140-160	5.1	.6										5.7	2.9	3.0
(S) 170-190	2.6	.2										2.8	2.9	2.0
200-220	1.3	.4										1.7	3.6	3.0
230-250	1.0	.5										1.5	4.2	3.5
(W) 260-280	1.3	1.6										2.9	4.8	5.0
290-310	1.7	3.5	1.3	.1								6.7	6.8	6.0
320-340	3.8	3.7	1.9									9.4	6.1	6.0
VARIABLE	.2											.2	1.0	1.0
CALM	////////////////////////////////////											50.1	////////	
TOTALS	31.6	13.9	3.7	.2	.2							100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.5	.4	.1	.0							4.3	5.5	4.0
020-040	1.9	.3	.0									2.3	3.0	2.0
050-070	2.2	.6	.0									2.8	3.3	3.0
(E) 080-100	4.6	1.5	.0									6.1	3.5	3.0
110-130	4.0	1.1	.0									5.1	3.4	3.0
140-160	4.1	1.7	.1									5.9	3.8	4.0
(S) 170-190	2.1	.8	.1									2.9	3.8	3.0
200-220	1.2	.8	.2									2.2	4.7	4.0
230-250	1.5	1.2	.3	.0								3.1	5.2	5.0
(W) 260-280	3.0	2.6	.8	.0								6.5	5.4	5.0
290-310	3.7	4.7	2.3	.2								11.1	6.6	6.0
320-340	3.4	4.3	3.2	.3	.1							11.3	7.2	7.0
VARIABLE	.2		.0									.2	2.2	1.0
CALM	////////////////////											36.1	////////////////	
TOTALS	34.1	21.1	7.4	.6	.1							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 7440



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.2	.2									1.9	3.9	2.0
020-040	2.5	.1										2.7	2.3	2.0
050-070	4.1	1.1										5.2	3.1	3.0
(E) 080-100	5.1	.5										5.5	2.9	3.0
110-130	4.2	1.3										5.5	3.4	3.0
140-160	4.5	.6										5.1	2.6	2.0
(S) 170-190	1.8	.2										2.1	2.5	2.0
200-220	1.4	.5										1.9	3.3	3.0
230-250	.8	.7	.2									1.8	5.7	6.0
(W) 260-280	2.4	2.8	1.0									6.2	5.5	5.0
290-310	2.9	2.7	.8	.1								6.5	5.5	5.0
320-340	1.6	1.7	.4	.1								3.7	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											51.9	////////////////////////////////	
TOTALS	32.7	12.4	2.6	.2								100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 829

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.7	.1	.0	.0							2.6	4.4	4.0
020-040	1.8	.7	.1	.0								2.6	4.0	3.0
050-070	2.5	2.2	.4	.0	.0	.0						5.2	5.1	5.0
(E) 080-100	5.4	3.2	.6	.0	.0							9.2	4.6	4.0
110-130	3.6	1.4	.2	.0	.0							5.2	4.0	3.0
140-160	3.3	1.5	.2	.0	.0							5.0	4.1	4.0
(S) 170-190	2.1	.9	.1	.0	.0	.0						3.2	4.1	4.0
200-220	1.6	1.0	.4	.0	.0	.0						2.9	5.3	4.0
230-250	2.7	2.5	1.0	.1	.0	.0						6.3	5.9	5.0
(W) 260-280	4.7	4.7	1.7	.2	.0	.0	.0					11.3	5.9	5.0
290-310	3.8	4.4	2.3	.2	.0	.0	.0					10.7	6.5	6.0
320-340	2.6	2.2	1.0	.1	.0							6.0	5.9	5.0
VARIABLE	.0	.0	.0	.0	.0	.0	.0					.1	9.5	8.5
CAIM	////////////////////////////////////											29.7	////////////////////////////////	
TOTALS	35.8	25.4	8.1	.6								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS: 87644

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.6	.1									2.4	3.9	3.0
020-040	2.1	.9	.2									3.2	4.1	3.0
050-070	3.1	1.9	.4			.0						5.4	4.6	4.0
(E) 080-100	6.0	2.3	.3	.0	.0							8.7	4.0	3.0
110-130	3.9	1.2	.1	.0								5.2	3.6	3.0
140-160	2.9	.9	.1	.0								4.0	3.7	3.0
(S) 170-190	1.7	.4	.1	.0								2.2	3.6	3.0
200-220	1.5	.9	.5	.1	.0							3.0	5.8	5.0
230-250	2.4	2.3	.9	.2	.1							5.8	6.3	6.0
(W) 260-280	3.9	3.3	1.3	.1	.0							8.6	5.7	5.0
290-310	3.2	2.4	1.0	.1	.0							6.7	5.7	5.0
320-340	2.6	1.4	.2	.1								4.3	4.6	4.0
VARIABLE														
CALM	////////////////////											40.6	////////	
TOTALS	35.0	18.5	5.2	.6	.1							100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS: 9607



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR  
1/8 THRU 4/8.....SCATTERED  
5/8 THRU 7/8.....BROKEN  
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 00-02

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	43.9	44.9	56.2	56.2	66.3	67.0	69.7	70.9	71.1	71.4	71.9	71.9	72.4	72.5	73.0	73.8
GE 4500	45.1	46.1	57.6	57.6	67.8	68.5	71.2	72.4	72.6	72.9	73.4	73.4	73.9	74.0	74.5	75.3
GE 4000	48.6	49.8	63.0	63.0	73.7	74.3	77.0	78.3	78.5	78.9	79.5	79.5	79.9	80.0	80.5	81.3
GE 3500	49.5	50.8	64.4	64.4	75.3	75.9	78.6	80.0	80.2	80.6	81.3	81.4	81.9	82.0	82.6	83.3
GE 3000	52.7	54.0	69.0	69.0	82.4	83.2	86.6	88.6	88.8	89.4	90.0	90.1	90.9	91.0	91.5	92.3
GE 2500	53.0	54.3	69.5	69.5	83.7	84.5	88.5	90.8	91.0	91.5	92.2	92.3	93.0	93.1	93.7	94.4
GE 2000	53.0	54.3	69.6	69.6	84.0	84.9	89.0	91.4	91.7	92.4	93.1	93.2	94.0	94.1	94.6	95.4
GE 1800	53.0	54.3	69.6	69.6	84.1	85.1	89.1	91.5	91.8	92.5	93.2	93.3	94.1	94.2	94.7	95.5
GE 1500	53.1	54.4	70.0	70.0	84.6	85.6	89.7	92.0	92.4	93.0	93.9	94.0	94.8	94.9	95.6	96.3
GE 1200	53.1	54.4	70.0	70.0	84.6	85.7	89.9	92.3	92.6	93.2	94.1	94.2	95.1	95.2	95.8	96.6
GE 1000	53.1	54.4	70.1	70.1	84.8	86.0	90.4	93.0	93.3	94.0	94.9	95.1	95.9	96.0	96.7	97.4
GE 900	53.1	54.4	70.1	70.1	84.8	86.0	90.5	93.1	93.4	94.1	95.1	95.2	96.0	96.1	96.8	97.5
GE 800	53.1	54.4	70.1	70.1	84.8	86.0	90.5	93.1	93.4	94.1	95.1	95.2	96.0	96.1	96.8	97.5
GE 700	53.1	54.4	70.1	70.1	84.8	86.0	90.5	93.1	93.4	94.1	95.1	95.2	96.0	96.1	96.8	97.5
GE 600	53.1	54.4	70.1	70.1	84.8	86.0	90.6	93.2	93.5	94.2	95.2	95.3	96.1	96.2	96.9	97.6
GE 500	53.1	54.4	70.1	70.1	84.8	86.0	90.6	93.2	93.5	94.5	95.5	95.6	96.5	96.7	97.3	98.1
GE 400	53.1	54.4	70.1	70.1	84.8	86.0	90.6	93.2	93.5	94.5	95.5	95.6	96.5	96.7	97.3	98.1
GE 300	53.1	54.4	70.1	70.1	84.8	86.0	90.8	93.3	93.7	94.6	95.6	95.7	96.6	96.8	97.6	98.4
GE 200	53.1	54.4	70.1	70.1	84.8	86.0	90.8	93.4	93.8	94.7	95.7	95.8	97.0	97.2	98.2	99.1
GE 100	53.1	54.4	70.1	70.1	84.8	86.0	90.8	93.4	93.8	94.7	95.7	95.8	97.0	97.2	98.2	99.4
GE 000	53.1	54.4	70.1	70.1	84.8	86.0	90.8	93.4	93.8	94.7	95.7	95.8	97.0	97.2	98.2	100.0
.....																

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 03-05

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	42.6	43.4	52.0	52.0	64.8	66.4	67.6	68.4	68.4	69.3	69.6	69.8	69.8	69.8	70.2	71.1
GE 4500	43.0	43.9	52.5	52.5	65.6	67.2	68.4	69.3	69.3	70.2	70.5	70.7	70.7	70.7	71.0	72.0
GE 4000	45.8	46.8	56.6	56.6	70.7	72.6	73.8	74.7	74.7	75.5	75.9	76.1	76.1	76.1	76.4	77.4
GE 3500	47.2	48.3	58.7	58.7	73.1	75.0	76.2	77.0	77.0	77.9	78.3	78.8	79.1	79.2	79.5	80.5
GE 3000	50.8	51.8	65.3	65.3	82.1	84.2	85.7	87.2	87.2	88.1	88.7	89.1	89.4	89.5	89.9	90.8
GE 2500	50.8	51.8	65.3	65.3	82.9	84.9	86.9	88.5	88.5	89.4	90.0	90.4	90.7	90.8	91.2	92.1
GE 2000	51.2	52.3	65.9	65.9	83.7	85.9	88.0	90.0	90.0	91.1	91.7	92.1	93.0	93.1	93.4	94.4
GE 1800	51.2	52.3	65.9	65.9	83.8	86.0	88.1	90.1	90.1	91.2	91.8	92.2	93.1	93.2	93.5	94.5
GE 1500	51.2	52.3	65.9	65.9	84.2	86.3	88.6	90.5	90.5	91.7	92.3	92.8	93.6	93.8	94.2	95.2
GE 1200	51.2	52.3	65.9	65.9	84.3	86.4	88.8	90.7	90.7	92.1	92.8	93.2	94.1	94.2	94.6	95.6
GE 1000	51.2	52.3	65.9	65.9	84.6	87.1	89.4	91.4	91.5	93.1	93.8	94.2	95.0	95.2	95.6	96.6
GE 900	51.2	52.3	65.9	65.9	84.6	87.1	89.4	91.4	91.5	93.1	93.8	94.2	95.0	95.2	95.6	96.6
GE 800	51.2	52.3	65.9	65.9	84.6	87.1	89.4	91.4	91.5	93.1	93.8	94.2	95.0	95.2	95.6	96.6
GE 700	51.2	52.3	65.9	65.9	84.6	87.1	89.4	91.4	91.5	93.1	93.8	94.2	95.0	95.2	95.6	96.6
GE 600	51.2	52.3	65.9	65.9	84.6	87.1	89.4	91.4	91.5	93.1	93.8	94.2	95.0	95.2	95.6	96.6
GE 500	51.2	52.3	65.9	65.9	84.6	87.1	89.7	91.6	91.7	93.5	94.2	94.6	95.6	95.7	96.1	97.1
GE 400	51.2	52.3	65.9	65.9	84.6	87.1	89.7	91.6	91.7	93.5	94.2	94.6	95.6	95.7	96.1	97.1
GE 300	51.2	52.3	65.9	65.9	84.6	87.1	89.8	91.7	91.9	93.8	94.6	95.0	96.0	96.1	96.7	97.6
GE 200	51.2	52.3	65.9	65.9	84.6	87.1	89.8	91.7	91.9	93.9	94.7	95.2	96.7	96.8	97.3	98.6
GE 100	51.2	52.3	65.9	65.9	84.6	87.1	89.8	91.7	91.9	93.9	94.7	95.2	96.7	96.8	97.3	98.9
GE 000	51.2	52.3	65.9	65.9	84.6	87.1	89.8	91.7	91.9	93.9	94.7	95.2	96.7	96.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	35.3	35.9	44.4	44.4	59.9	62.2	66.0	68.2	68.6	69.4	69.7	69.7	69.7	69.8	69.9	71.9
GE 4500	36.0	36.7	45.6	45.6	61.4	63.7	67.5	69.7	70.1	70.9	71.2	71.2	71.2	71.3	71.4	73.4
GE 4000	38.6	39.2	49.2	49.2	66.2	68.7	72.6	74.8	75.3	76.0	76.3	76.3	76.3	76.5	76.6	78.6
GE 3500	39.9	40.5	51.1	51.1	68.6	71.1	75.2	77.5	78.0	78.8	79.2	79.2	79.5	79.6	79.7	81.7
GE 3000	42.5	43.3	55.2	55.2	74.9	77.8	82.6	85.2	85.6	86.5	87.2	87.3	87.7	87.8	88.0	90.0
GE 2500	42.7	43.5	55.5	55.5	76.1	79.0	84.1	86.7	87.1	88.0	88.7	88.8	89.2	89.4	89.5	91.5
GE 2000	42.8	43.7	55.6	55.6	76.9	79.8	85.5	88.2	88.6	89.5	90.4	90.5	91.1	91.3	91.4	93.4
GE 1800	42.8	43.7	55.6	55.6	76.9	79.8	85.5	88.2	88.6	89.5	90.4	90.5	91.1	91.3	91.4	93.4
GE 1500	42.8	43.7	55.6	55.6	77.3	80.2	85.9	88.6	89.0	89.9	91.0	91.1	91.7	91.9	92.0	94.1
GE 1200	42.8	43.7	55.6	55.6	77.3	80.4	86.1	88.8	89.2	90.1	91.2	91.3	91.9	92.2	92.3	94.3
GE 1000	42.8	43.7	55.7	55.7	77.5	80.9	86.8	89.5	89.9	91.0	92.0	92.2	92.8	93.0	93.2	95.3
GE 900	42.8	43.7	55.7	55.7	77.5	80.9	86.8	89.5	89.9	91.0	92.0	92.2	92.8	93.0	93.2	95.3
GE 800	42.8	43.7	55.7	55.7	77.5	80.9	86.9	89.6	90.1	91.2	92.3	92.4	93.1	93.3	93.8	95.8
GE 700	42.8	43.7	55.7	55.7	77.5	80.9	86.9	89.7	90.2	91.3	92.4	92.5	93.2	93.4	93.9	95.9
GE 600	42.8	43.7	55.7	55.7	77.5	80.9	86.9	89.7	90.2	91.4	92.5	92.6	93.3	93.5	94.0	96.0
GE 500	42.8	43.7	55.7	55.7	77.5	81.2	87.5	90.5	91.1	92.3	93.3	93.4	94.3	94.5	94.9	97.3
GE 400	42.8	43.7	55.7	55.7	77.6	81.3	87.6	90.6	91.2	92.5	93.8	93.9	94.7	95.1	95.5	98.0
GE 300	42.8	43.7	55.7	55.7	77.6	81.3	87.6	90.6	91.3	92.6	93.9	94.0	94.8	95.2	95.6	98.5
GE 200	42.8	43.7	55.7	55.7	77.6	81.3	87.6	90.6	91.3	92.6	93.9	94.0	94.8	95.2	95.6	98.5
GE 100	42.8	43.7	55.7	55.7	77.6	81.3	87.6	90.6	91.3	92.6	93.9	94.0	94.9	95.4	95.8	99.6
GE 000	42.8	43.7	55.7	55.7	77.6	81.3	87.6	90.6	91.3	92.6	93.9	94.0	94.9	95.4	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 09-11

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	26.8	28.0	40.5	40.5	58.9	62.6	67.8	71.2	71.6	74.9	76.8	76.9	77.8	78.0	78.1	78.8
GE 4500	27.8	29.0	41.8	41.8	60.8	64.4	69.7	73.0	73.4	76.8	78.6	78.7	79.7	79.8	79.9	80.6
GE 4000	29.4	30.5	44.1	44.1	63.8	67.5	73.2	76.9	77.3	80.8	82.8	82.9	84.0	84.1	84.2	84.9
GE 3500	29.7	30.9	44.5	44.5	64.7	68.6	74.4	78.3	78.7	82.2	84.2	84.3	85.5	85.6	85.7	86.5
GE 3000	30.3	31.5	45.8	45.8	68.6	73.0	79.2	83.8	84.3	87.8	90.1	90.2	91.6	91.8	91.9	92.7
GE 2500	30.5	31.7	46.1	46.1	69.6	74.0	80.3	84.9	85.5	89.4	91.6	91.7	93.1	93.3	93.4	94.2
GE 2000	30.5	31.7	46.1	46.1	69.6	74.0	80.4	85.2	86.0	89.9	92.2	92.3	93.7	93.9	94.0	94.7
GE 1800	30.5	31.7	46.1	46.1	69.6	74.0	80.4	85.2	86.0	89.9	92.2	92.3	93.7	93.9	94.0	94.7
GE 1500	30.6	31.8	46.2	46.2	69.8	74.2	80.6	85.4	86.2	90.3	92.6	92.7	94.1	94.3	94.4	95.2
GE 1200	30.8	31.9	46.3	46.3	69.9	74.3	80.8	85.6	86.6	90.6	92.9	93.0	94.4	94.5	94.7	95.5
GE 1000	30.8	31.9	46.5	46.5	70.0	74.5	81.0	85.9	86.9	91.0	93.3	93.4	94.8	95.1	95.2	95.9
GE 900	30.8	31.9	46.5	46.5	70.0	74.5	81.0	86.0	87.0	91.1	93.4	93.5	94.9	95.2	95.3	96.0
GE 800	30.8	31.9	46.5	46.5	70.2	74.7	81.3	86.5	87.4	91.5	93.9	94.0	95.4	95.6	95.7	96.5
GE 700	30.8	31.9	46.5	46.5	70.2	74.7	81.3	86.5	87.4	91.5	93.9	94.0	95.4	95.6	95.9	96.7
GE 600	30.8	31.9	46.5	46.5	70.2	74.7	81.3	86.5	87.4	91.6	94.0	94.1	95.5	95.7	96.0	96.8
GE 500	30.8	31.9	46.5	46.5	70.2	74.8	81.4	86.6	87.6	91.8	94.2	94.3	95.7	96.0	96.3	97.3
GE 400	30.8	31.9	46.5	46.5	70.2	74.8	81.4	86.6	87.6	91.8	94.2	94.3	95.7	96.0	96.3	97.3
GE 300	30.8	31.9	46.5	46.5	70.2	74.8	81.4	86.6	87.6	91.8	94.2	94.3	95.7	96.0	96.5	97.6
GE 200	30.8	31.9	46.5	46.5	70.2	74.8	81.4	86.6	87.6	91.8	94.2	94.3	95.9	96.2	97.1	98.3
GE 100	30.8	31.9	46.5	46.5	70.2	74.8	81.4	86.6	87.6	91.8	94.2	94.3	95.9	96.2	97.1	99.7
GE 000	30.8	31.9	46.5	46.5	70.2	74.8	81.4	86.6	87.6	91.8	94.2	94.3	95.9	96.2	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 12-14

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	42.1	43.2	58.1	58.1	72.3	73.7	76.0	77.4	77.5	78.4	78.5	78.5	78.7	78.7	78.7	78.7
GE 4500	42.7	43.8	58.8	58.8	73.2	74.6	76.9	78.3	78.4	79.2	79.3	79.3	79.5	79.5	79.5	79.5
GE 4000	45.2	46.3	62.4	62.4	77.5	79.1	81.9	83.3	83.4	84.3	84.4	84.4	84.6	84.6	84.6	84.6
GE 3500	45.9	46.9	63.2	63.2	78.9	80.6	83.5	84.9	85.4	86.2	86.3	86.3	86.5	86.5	86.5	86.5
GE 3000	46.9	48.1	64.8	64.8	83.3	85.7	89.3	91.3	91.7	92.8	92.9	92.9	93.5	93.5	93.5	93.5
GE 2500	47.1	48.3	65.1	65.1	84.1	86.4	90.2	92.2	92.8	93.9	94.1	94.1	94.7	94.7	94.7	94.7
GE 2000	47.1	48.3	65.1	65.1	84.3	86.8	90.5	93.0	93.6	94.8	95.0	95.2	96.0	96.0	96.0	96.0
GE 1800	47.1	48.3	65.1	65.1	84.3	86.8	90.5	93.0	93.6	94.8	95.0	95.2	96.0	96.0	96.0	96.0
GE 1500	47.4	48.5	65.4	65.4	84.8	87.3	91.2	93.8	94.4	95.6	95.8	95.9	96.9	96.9	97.0	97.0
GE 1200	47.4	48.5	65.7	65.7	85.0	87.5	91.4	94.0	94.6	95.8	96.0	96.1	97.1	97.1	97.2	97.2
GE 1000	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.2	94.8	96.0	96.2	96.3	97.3	97.3	97.4	97.4
GE 900	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.2	94.8	96.0	96.2	96.3	97.3	97.3	97.4	97.4
GE 800	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.2	94.8	96.0	96.2	96.3	97.3	97.3	97.4	97.4
GE 700	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.2	94.8	96.0	96.2	96.3	97.3	97.3	97.4	97.4
GE 600	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.6	95.3	96.7	96.9	97.0	98.0	98.0	98.1	98.1
GE 500	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.7	95.4	96.8	97.2	97.3	98.3	98.3	98.4	98.4
GE 400	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.7	95.4	96.8	97.2	97.3	98.3	98.3	98.5	98.5
GE 300	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.7	95.4	96.8	97.2	97.3	98.3	98.4	98.6	98.6
GE 200	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.7	95.4	96.8	97.2	97.3	98.6	98.8	99.0	99.0
GE 100	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.7	95.4	96.8	97.2	97.3	98.6	98.8	99.0	99.7
GE 000	47.4	48.5	65.7	65.7	85.1	87.6	91.6	94.7	95.4	96.8	97.2	97.3	98.6	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90

MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	53.3	55.1	67.8	67.8	76.6	77.1	77.4	77.5	77.5	77.5	77.6	77.6	78.0	78.0	78.0	78.0
GE 4500	54.2	55.9	68.8	68.8	77.7	78.3	78.6	78.7	78.7	78.7	78.8	78.8	79.1	79.1	79.1	79.1
GE 4000	56.9	58.6	72.5	72.5	82.7	83.4	83.8	83.9	83.9	83.9	84.0	84.0	84.3	84.3	84.3	84.3
GE 3500	57.5	59.2	73.8	73.8	84.5	85.5	85.8	85.9	85.9	85.9	86.0	86.0	86.3	86.3	86.3	86.3
GE 3000	59.6	61.4	77.2	77.2	90.2	91.2	91.8	91.9	92.0	92.0	92.4	92.4	92.7	92.7	92.7	92.7
GE 2500	59.7	61.5	77.3	77.3	90.6	91.6	92.5	92.9	93.0	93.1	93.4	93.4	93.8	93.8	93.8	93.8
GE 2000	59.8	61.6	78.2	78.2	91.7	92.7	93.7	94.2	94.3	94.5	94.8	94.8	95.2	95.2	95.2	95.2
GE 1800	59.8	61.6	78.2	78.2	91.8	92.8	93.8	94.3	94.4	94.6	94.9	94.9	95.3	95.3	95.3	95.3
GE 1500	59.8	61.6	78.2	78.2	92.2	93.2	94.3	95.1	95.2	95.4	95.7	95.7	96.0	96.0	96.0	96.0
GE 1200	60.1	61.9	78.6	78.6	92.7	93.8	94.8	95.8	96.2	96.5	96.8	96.8	97.1	97.1	97.1	97.1
GE 1000	60.1	61.9	78.7	78.7	93.0	94.3	95.7	96.5	96.9	97.2	97.5	97.5	97.8	97.8	97.8	97.8
GE 900	60.1	61.9	78.9	78.9	93.2	94.5	95.7	96.7	97.1	97.4	97.7	97.7	98.1	98.1	98.1	98.1
GE 800	60.1	61.9	78.9	78.9	93.2	94.5	95.8	96.8	97.2	97.5	97.8	97.8	98.2	98.2	98.2	98.2
GE 700	60.1	61.9	78.9	78.9	93.2	94.5	95.8	96.8	97.2	97.5	97.8	97.8	98.2	98.2	98.3	98.3
GE 600	60.1	61.9	78.9	78.9	93.2	94.5	95.8	97.2	97.6	98.1	98.5	98.5	98.8	98.8	98.9	98.9
GE 500	60.1	61.9	78.9	78.9	93.3	94.6	95.9	97.4	97.8	98.3	98.7	98.7	99.2	99.2	99.4	99.4
GE 400	60.1	61.9	78.9	78.9	93.3	94.6	95.9	97.5	98.0	98.4	98.8	98.8	99.4	99.5	99.6	99.6
GE 300	60.1	61.9	78.9	78.9	93.3	94.6	95.9	97.5	98.0	98.4	98.8	98.8	99.4	99.5	99.6	99.6
GE 200	60.1	61.9	78.9	78.9	93.3	94.6	95.9	97.5	98.0	98.4	98.8	98.8	99.7	99.8	99.9	99.9
GE 100	60.1	61.9	78.9	78.9	93.3	94.6	95.9	97.5	98.0	98.4	98.8	98.8	99.7	99.8	99.9	99.9
GE 000	60.1	61.9	78.9	78.9	93.3	94.6	95.9	97.5	98.0	98.4	98.8	98.8	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: 18-20

CEILING	VISIBILITY IN METERS															
IN	GE	CE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CFIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	52.0	54.1	64.7	64.7	75.9	76.6	77.5	77.8	77.8	78.1	78.2	78.4	78.6	78.6	78.6	78.6
GE 4500	52.3	54.3	65.3	65.3	76.5	77.1	78.1	78.4	78.4	78.6	78.7	78.9	79.1	79.1	79.1	79.1
GE 4000	54.2	56.2	67.6	67.6	79.7	80.6	81.7	82.0	82.0	82.3	82.4	82.6	82.8	82.8	82.8	82.8
GE 3500	55.3	57.3	68.9	68.9	81.7	82.8	83.9	84.2	84.2	84.4	84.5	84.7	84.9	84.9	84.9	84.9
GE 3000	57.1	59.1	72.2	72.2	88.1	89.4	90.8	91.1	91.1	91.4	91.5	91.7	92.2	92.2	92.2	92.2
GE 2500	57.4	59.5	72.8	72.8	89.8	91.2	92.7	93.0	93.0	93.3	93.7	93.9	94.3	94.3	94.3	94.3
GE 2000	57.6	59.7	73.4	73.4	90.8	92.2	94.1	94.5	94.5	95.1	95.4	95.6	96.0	96.0	96.0	96.0
GE 1800	57.6	59.7	73.4	73.4	90.8	92.2	94.1	94.5	94.5	95.1	95.4	95.6	96.0	96.0	96.0	96.0
GE 1500	58.0	60.0	74.0	74.0	91.8	93.3	95.7	96.5	96.5	97.0	97.3	97.5	98.0	98.0	98.0	98.0
GE 1200	58.0	60.0	74.0	74.0	91.8	93.3	95.8	96.6	96.6	97.1	97.4	97.6	98.1	98.1	98.1	98.1
GE 1000	58.0	60.0	74.0	74.0	92.0	93.5	96.0	96.8	96.8	97.3	97.6	97.8	98.4	98.4	98.5	98.5
GE 900	58.0	60.0	74.0	74.0	92.0	93.5	96.0	96.8	96.8	97.3	97.6	97.8	98.5	98.6	98.7	98.7
GE 800	58.0	60.0	74.0	74.0	92.0	93.5	96.0	96.8	96.8	97.3	97.6	97.8	98.5	98.6	98.7	98.7
GE 700	58.0	60.0	74.0	74.0	92.0	93.5	96.0	96.8	96.8	97.3	97.6	97.8	98.5	98.6	98.7	98.7
GE 600	58.0	60.0	74.1	74.1	92.3	93.8	96.2	97.0	97.0	97.5	97.8	98.1	98.7	98.8	98.9	98.9
GE 500	58.0	60.0	74.1	74.1	92.3	93.8	96.3	97.1	97.1	97.6	98.0	98.2	98.8	98.9	99.0	99.0
GE 400	58.0	60.0	74.1	74.1	92.3	93.8	96.3	97.1	97.1	97.6	98.0	98.2	98.8	98.9	99.0	99.0
GE 300	58.0	60.0	74.1	74.1	92.3	93.8	96.3	97.1	97.1	97.6	98.0	98.2	98.8	98.9	99.0	99.0
GE 200	58.0	60.0	74.1	74.1	92.3	93.8	96.3	97.1	97.1	97.6	98.0	98.2	99.1	99.2	99.4	99.7
GE 100	58.0	60.0	74.1	74.1	92.3	93.8	96.3	97.1	97.1	97.6	98.0	98.2	99.1	99.2	99.5	100.0
GE 000	58.0	60.0	74.1	74.1	92.3	93.8	96.3	97.1	97.1	97.6	98.0	98.2	99.1	99.2	99.5	100.0
.....																

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90

MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	51.8	52.8	61.3	61.3	73.4	74.0	75.4	75.8	76.0	76.3	76.6	76.7	76.9	77.0	77.0	77.4
GE 4500	52.7	53.7	62.6	62.6	74.8	75.4	76.8	77.2	77.4	77.7	78.0	78.1	78.3	78.4	78.4	78.8
GE 4000	54.7	55.7	65.9	65.9	79.7	80.7	82.3	82.7	82.9	83.2	83.5	83.6	83.8	83.9	83.9	84.3
GE 3500	55.7	56.9	67.6	67.6	81.6	82.5	84.2	84.5	84.7	85.0	85.3	85.5	85.7	85.8	85.8	86.1
GE 3000	58.6	59.9	71.7	71.7	87.3	88.6	90.3	90.9	91.2	91.6	91.9	92.1	92.5	92.6	92.6	92.9
GE 2500	59.7	61.0	73.0	73.0	89.2	90.5	92.6	93.2	93.4	94.1	94.5	94.7	95.0	95.2	95.2	95.5
GE 2000	59.7	61.1	73.3	73.3	89.9	91.4	93.4	94.3	94.5	95.3	95.7	95.9	96.2	96.3	96.3	96.7
GE 1800	59.7	61.1	73.3	73.3	89.9	91.4	93.4	94.3	94.5	95.3	95.7	95.9	96.2	96.3	96.3	96.7
GE 1500	59.9	61.3	73.6	73.6	90.4	92.1	94.7	95.6	95.8	96.6	97.0	97.2	97.5	97.6	97.6	98.0
GE 1200	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.3	97.7	98.0	98.3	98.4	98.4	98.7
GE 1000	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.3	97.7	98.0	98.3	98.4	98.4	98.7
GE 900	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.3	97.7	98.0	98.3	98.4	98.4	98.7
GE 800	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.4	98.0	98.2	98.5	98.6	98.6	98.9
GE 700	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.4	98.0	98.2	98.5	98.6	98.6	98.9
GE 600	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.4	98.0	98.2	98.5	98.6	98.6	98.9
GE 500	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.5	98.1	98.3	98.6	98.7	98.7	99.0
GE 400	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.5	98.1	98.3	98.6	98.7	98.7	99.0
GE 300	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.5	98.1	98.3	98.6	98.7	98.7	99.0
GE 200	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.5	98.1	98.3	98.9	99.0	99.0	99.7
GE 100	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.5	98.1	98.3	98.9	99.0	99.0	100.0
GE 000	59.9	61.3	73.6	73.6	90.5	92.3	95.3	96.1	96.3	97.5	98.1	98.3	98.9	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

D - 2 - 8

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	43.5	44.7	55.7	55.7	68.5	69.9	72.2	73.4	73.6	74.4	74.9	74.9	75.2	75.3	75.4	76.0
GE 4500	44.2	45.4	56.6	56.6	69.7	71.1	73.4	74.6	74.8	75.6	76.1	76.2	76.4	76.5	76.6	77.2
GE 4000	46.7	47.9	60.2	60.2	74.2	75.9	78.3	79.6	79.7	80.6	81.1	81.2	81.5	81.5	81.7	82.3
GE 3500	47.6	48.9	61.5	61.5	76.0	77.8	80.2	81.5	81.8	82.6	83.2	83.3	83.7	83.8	83.9	84.5
GE 3000	49.8	51.1	65.1	65.1	82.1	84.1	87.0	88.7	89.0	90.0	90.6	90.7	91.3	91.4	91.5	92.1
GE 2500	50.1	51.5	65.6	65.6	83.2	85.3	88.5	90.3	90.5	91.6	92.3	92.4	93.0	93.1	93.2	93.8
GE 2000	50.2	51.6	65.9	65.9	83.8	85.9	89.3	91.3	91.7	92.8	93.5	93.7	94.4	94.5	94.6	95.2
GE 1800	50.2	51.6	65.9	65.9	83.9	86.0	89.4	91.4	91.7	92.8	93.6	93.7	94.4	94.5	94.7	95.3
GE 1500	50.3	51.7	66.1	66.1	84.4	86.5	90.1	92.2	92.5	93.7	94.4	94.6	95.3	95.4	95.6	96.2
GE 1200	50.4	51.8	66.2	66.2	84.5	86.7	90.4	92.5	92.9	94.1	94.9	95.0	95.7	95.8	96.0	96.6
GE 1000	50.4	51.8	66.3	66.3	84.7	87.0	90.7	92.9	93.3	94.6	95.4	95.6	96.3	96.4	96.6	97.2
GE 900	50.4	51.8	66.3	66.3	84.7	87.1	90.8	93.0	93.4	94.7	95.5	95.6	96.4	96.5	96.7	97.3
GE 800	50.4	51.8	66.3	66.3	84.8	87.1	90.9	93.0	93.4	94.8	95.6	95.7	96.5	96.6	96.8	97.4
GE 700	50.4	51.8	66.3	66.3	84.8	87.1	90.9	93.1	93.5	94.8	95.6	95.7	96.5	96.6	96.9	97.5
GE 600	50.4	51.8	66.3	66.3	84.8	87.1	90.9	93.2	93.6	95.0	95.8	96.0	96.7	96.9	97.1	97.7
GE 500	50.4	51.8	66.3	66.3	84.8	87.2	91.0	93.4	93.8	95.3	96.1	96.3	97.1	97.3	97.5	98.2
GE 400	50.4	51.8	66.3	66.3	84.8	87.2	91.1	93.4	93.9	95.3	96.2	96.4	97.2	97.4	97.6	98.3
GE 300	50.4	51.8	66.3	66.3	84.8	87.2	91.1	93.5	93.9	95.4	96.3	96.4	97.3	97.4	97.8	98.5
GE 200	50.4	51.8	66.3	66.3	84.8	87.2	91.1	93.5	93.9	95.4	96.3	96.5	97.6	97.8	98.2	99.1
GE 100	50.4	51.8	66.3	66.3	84.8	87.2	91.1	93.5	93.9	95.4	96.3	96.5	97.6	97.8	98.2	99.6
GE 000	50.4	51.8	66.3	66.3	84.8	87.2	91.1	93.5	93.9	95.4	96.3	96.5	97.6	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7435



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	50.4	54.1	64.1	64.1	73.8	74.0	75.3	75.7	75.9	76.0	76.2	76.5	77.3	77.3	77.5	77.7
GE 4500	50.8	54.6	64.7	64.7	74.5	74.7	76.0	76.4	76.6	76.7	77.0	77.2	78.0	78.0	78.3	78.4
GE 4000	52.7	56.5	67.5	67.5	77.3	77.5	78.8	79.2	79.4	79.6	79.8	80.0	80.9	80.9	81.1	81.2
GE 3500	54.7	58.6	69.9	69.9	80.1	80.7	82.0	82.4	82.6	82.7	83.0	83.2	84.0	84.0	84.3	84.4
GE 3000	57.3	61.3	73.5	73.5	84.5	85.1	86.8	87.2	87.5	87.6	87.8	88.1	89.2	89.2	89.5	89.6
GE 2500	57.8	61.9	74.1	74.1	85.9	86.6	88.5	89.0	89.2	89.6	89.8	90.1	91.3	91.3	91.5	91.6
GE 2000	58.2	62.3	74.5	74.5	87.4	88.4	90.4	90.9	91.1	91.6	91.8	92.1	93.3	93.3	93.5	93.6
GE 1800	58.2	62.3	74.5	74.5	87.4	88.4	90.4	90.9	91.1	91.6	91.8	92.1	93.3	93.3	93.5	93.6
GE 1500	58.4	62.5	74.8	74.8	88.1	89.5	91.7	92.2	92.4	92.9	93.1	93.4	94.6	94.6	94.8	94.9
GE 1200	58.5	62.6	75.1	75.1	88.4	89.8	92.2	92.7	92.9	93.4	93.7	94.0	95.2	95.2	95.4	95.5
GE 1000	58.5	62.6	75.1	75.1	88.5	90.3	92.8	93.3	93.5	94.0	94.6	94.8	96.0	96.0	96.2	96.3
GE 900	58.5	62.6	75.1	75.1	88.5	90.3	92.8	93.3	93.5	94.0	94.6	94.8	96.0	96.0	96.2	96.3
GE 800	58.5	62.6	75.1	75.1	88.5	90.3	92.8	93.4	93.6	94.1	94.7	94.9	96.1	96.1	96.3	96.5
GE 700	58.5	62.6	75.1	75.1	88.7	90.4	92.9	93.6	93.9	94.3	94.9	95.2	96.3	96.3	96.6	96.7
GE 600	58.5	62.6	75.1	75.1	88.7	90.4	92.9	93.6	93.9	94.3	94.9	95.2	96.3	96.3	96.6	96.7
GE 500	58.5	62.6	75.1	75.1	88.9	90.7	93.1	94.0	94.2	94.7	95.3	95.5	97.2	97.2	97.4	97.9
GE 400	58.5	62.6	75.1	75.1	88.9	90.7	93.1	94.0	94.2	94.8	95.4	95.6	97.5	97.5	97.8	98.2
GE 300	58.5	62.6	75.1	75.1	88.9	90.7	93.1	94.0	94.2	94.8	95.4	95.6	97.5	97.5	97.8	98.2
GE 200	58.5	62.6	75.1	75.1	88.9	90.7	93.1	94.0	94.2	94.8	95.4	95.6	97.5	97.5	98.2	99.4
GE 100	58.5	62.6	75.1	75.1	88.9	90.7	93.1	94.0	94.2	94.8	95.4	95.6	97.5	97.5	98.2	99.4
GE 000	58.5	62.6	75.1	75.1	88.9	90.7	93.1	94.0	94.2	94.8	95.4	95.6	97.5	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 03-05

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	46.9	49.6	61.0	61.0	69.9	71.0	73.0	73.6	73.8	74.1	74.7	74.7	75.2	75.3	75.3	75.9
GE 4500	47.6	50.4	61.7	61.7	70.7	71.9	73.9	74.5	74.6	74.9	75.5	75.5	76.0	76.1	76.1	76.7
GE 4000	50.5	53.2	65.2	65.2	74.3	75.7	77.7	78.3	78.4	78.7	79.3	79.3	79.8	79.9	79.9	80.5
GE 3500	51.7	54.4	67.0	67.0	77.2	79.6	80.9	81.4	81.8	82.2	82.7	82.7	83.2	83.3	83.3	83.9
GE 3000	54.4	57.3	70.3	70.3	81.4	83.5	85.7	86.4	86.8	87.1	87.7	87.7	88.4	88.7	88.7	89.2
GE 2500	54.4	57.4	70.4	70.4	81.9	83.9	86.2	86.9	87.2	87.7	88.3	88.3	89.0	89.2	89.2	89.8
GE 2000	54.5	57.6	70.8	70.8	83.3	85.5	87.7	88.5	88.9	89.4	90.2	90.2	90.9	91.1	91.1	91.8
GE 1800	54.5	57.6	70.8	70.8	83.3	85.5	87.7	88.5	88.9	89.5	90.4	90.4	91.1	91.4	91.4	92.1
GE 1500	54.7	57.8	71.3	71.3	84.4	86.5	88.8	89.7	90.1	90.9	91.8	91.8	92.6	92.8	92.8	93.5
GE 1200	55.0	58.0	71.7	71.7	85.1	87.4	89.7	90.7	91.0	92.0	92.9	92.9	93.6	93.9	93.9	94.6
GE 1000	55.0	58.0	71.7	71.7	85.1	87.4	89.8	91.0	91.4	92.3	93.4	93.4	94.1	94.3	94.6	95.3
GE 900	55.0	58.0	71.7	71.7	85.1	87.4	89.8	91.0	91.4	92.3	93.4	93.4	94.1	94.3	94.6	95.3
GE 800	55.0	58.0	71.7	71.7	85.2	87.5	90.1	91.3	91.6	92.6	93.7	93.7	94.4	94.7	94.9	95.6
GE 700	55.0	58.0	71.7	71.7	85.3	87.6	90.3	91.6	92.0	92.9	94.1	94.1	94.8	95.0	95.3	96.0
GE 600	55.0	58.0	71.7	71.7	85.3	87.6	90.3	91.6	92.0	92.9	94.1	94.1	94.9	95.2	95.4	96.1
GE 500	55.0	58.0	71.7	71.7	85.3	87.6	90.3	91.6	92.0	92.9	94.1	94.1	95.0	95.3	95.5	96.5
GE 400	55.0	58.0	71.7	71.7	85.3	87.6	90.3	91.6	92.0	92.9	94.1	94.1	95.0	95.3	95.5	96.7
GE 300	55.0	58.0	71.7	71.7	85.3	87.6	90.3	91.6	92.0	92.9	94.1	94.1	95.4	95.6	96.0	97.8
GE 200	55.0	58.0	71.7	71.7	85.3	87.6	90.3	91.6	92.0	92.9	94.1	94.1	95.5	95.9	96.8	99.1
GE 100	55.0	58.0	71.7	71.7	85.3	87.6	90.3	91.6	92.0	92.9	94.1	94.1	95.5	95.9	96.8	99.3
GE 000	55.0	58.0	71.7	71.7	85.3	87.6	90.3	91.6	92.0	92.9	94.1	94.1	95.5	95.9	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	34.8	36.3	50.3	50.3	64.4	67.0	70.1	71.6	71.8	73.0	73.4	73.7	74.2	74.3	74.3	74.8
GE 4500	35.0	36.6	50.5	50.5	64.7	67.3	70.4	72.0	72.2	73.4	73.7	74.1	74.6	74.7	74.7	75.1
GE 4000	37.4	38.9	53.1	53.1	67.5	70.2	73.3	74.8	75.0	76.2	76.6	76.9	77.5	77.6	77.6	78.1
GE 3500	38.2	39.9	54.7	54.7	69.7	72.5	75.7	77.4	77.6	78.8	79.2	79.6	80.2	80.6	80.6	81.1
GE 3000	39.8	41.4	57.5	57.5	74.2	77.4	80.9	83.0	83.3	84.9	85.4	86.2	87.1	87.5	87.5	87.9
GE 2500	39.8	41.5	57.9	57.9	74.8	78.0	81.8	83.8	84.1	85.7	86.3	87.0	87.9	88.3	88.3	88.8
GE 2000	39.2	41.7	58.0	58.0	75.6	79.1	83.2	85.2	85.6	87.2	87.9	88.6	89.7	90.1	90.1	90.5
GE 1800	39.9	41.7	58.1	58.1	76.0	79.4	83.6	85.6	85.9	87.6	88.5	89.3	90.4	90.8	90.8	91.2
GE 1500	40.1	41.9	58.6	58.6	76.4	80.0	84.1	86.2	86.5	88.5	89.5	90.3	91.4	91.7	91.7	92.2
GE 1200	40.4	42.1	58.8	58.8	76.8	80.4	84.5	86.5	87.0	89.2	90.2	91.0	92.1	92.4	92.4	92.9
GE 1000	40.4	42.1	59.1	59.1	77.4	80.9	85.2	87.7	88.3	90.7	91.6	92.4	93.5	93.8	93.8	94.4
GE 900	40.4	42.1	59.1	59.1	77.4	80.9	85.2	87.7	88.3	90.7	91.6	92.4	93.5	93.8	93.8	94.4
GE 800	40.4	42.1	59.2	59.2	77.5	81.1	85.3	87.8	88.5	91.0	92.0	92.9	94.0	94.3	94.3	94.9
GE 700	40.4	42.1	59.2	59.2	77.5	81.1	85.3	87.8	88.5	91.0	92.0	92.9	94.0	94.3	94.3	94.9
GE 600	40.4	42.1	59.2	59.2	77.5	81.1	85.3	87.8	88.5	91.0	92.0	92.9	94.3	94.7	94.7	95.3
GE 500	40.4	42.1	59.2	59.2	77.5	81.1	85.4	87.9	88.6	91.1	92.3	93.3	94.9	95.3	95.3	96.7
GE 400	40.4	42.1	59.2	59.2	77.5	81.1	85.4	87.9	88.6	91.1	92.3	93.4	95.1	95.5	95.6	97.3
GE 300	40.4	42.1	59.2	59.2	77.5	81.1	85.4	87.9	88.6	91.1	92.3	93.4	95.1	95.5	96.2	98.2
GE 200	40.4	42.1	59.2	59.2	77.5	81.1	85.4	87.9	88.6	91.1	92.3	93.4	95.1	95.5	96.2	98.8
GE 100	40.4	42.1	59.2	59.2	77.5	81.1	85.4	87.9	88.6	91.1	92.3	93.4	95.1	95.5	96.2	99.3
GE 000	40.4	42.1	59.2	59.2	77.5	81.1	85.4	87.9	88.6	91.1	92.3	93.4	95.1	95.5	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 5 MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	31.8	33.6	49.2	49.2	67.2	69.3	71.7	72.8	72.9	74.2	75.4	75.5	76.2	76.6	76.6	76.7
GE 4500	32.0	33.7	49.3	49.3	67.5	69.6	72.0	73.3	73.5	74.8	76.0	76.1	76.8	77.2	77.2	77.3
GE 4000	33.0	34.8	50.7	50.7	69.1	71.2	73.8	75.1	75.4	76.8	78.5	78.6	79.3	79.6	79.6	79.8
GE 3500	33.6	35.4	52.0	52.0	70.8	72.9	75.6	76.9	77.2	78.6	80.2	80.5	81.2	81.5	81.5	81.7
GE 3000	34.6	36.4	53.7	53.7	75.7	78.5	81.7	83.4	83.7	85.6	87.5	87.7	88.4	88.8	88.8	88.9
GE 2500	35.0	36.9	54.3	54.3	76.7	79.5	83.4	85.2	85.4	87.5	89.5	89.7	90.7	91.0	91.0	91.1
GE 2000	35.0	36.9	54.4	54.4	77.0	79.9	84.1	86.2	86.4	88.9	90.9	91.1	92.2	92.5	92.5	92.8
GE 1800	35.0	36.9	54.4	54.4	77.0	79.9	84.1	86.3	86.5	89.0	91.1	91.4	92.4	92.8	92.8	93.0
GE 1500	35.1	37.0	54.6	54.6	77.4	80.2	84.9	87.2	87.6	90.2	92.3	92.5	93.7	94.1	94.1	94.3
GE 1200	35.1	37.0	54.6	54.6	77.5	80.4	85.0	87.3	87.8	90.4	92.5	92.8	94.0	94.3	94.3	94.6
GE 1000	35.1	37.0	54.7	54.7	77.8	80.6	85.2	87.6	88.0	90.8	93.1	93.7	94.9	95.4	95.4	95.6
GE 900	35.1	37.0	54.7	54.7	77.8	80.6	85.2	87.6	88.0	90.8	93.1	93.7	94.9	95.4	95.4	95.6
GE 800	35.1	37.0	54.7	54.7	77.8	80.6	85.2	87.6	88.0	90.8	93.3	94.0	95.1	95.6	95.6	95.9
GE 700	35.1	37.0	54.7	54.7	77.8	80.7	85.4	87.8	88.3	91.0	93.5	94.2	95.5	96.0	96.0	96.2
GE 600	35.1	37.0	54.7	54.7	77.8	80.7	85.4	87.8	88.3	91.1	93.6	94.3	95.7	96.2	96.2	96.4
GE 500	35.1	37.0	54.7	54.7	77.8	80.7	85.6	87.9	88.4	91.2	93.7	94.4	96.3	96.8	96.9	97.6
GE 400	35.1	37.0	54.7	54.7	77.8	80.7	85.6	87.9	88.5	91.4	93.8	94.6	96.4	96.9	97.3	98.1
GE 300	35.1	37.0	54.7	54.7	77.8	80.7	85.6	88.0	88.6	91.5	94.0	94.7	96.7	97.3	97.8	98.9
GE 200	35.1	37.0	54.7	54.7	77.8	80.7	85.6	88.0	88.6	91.5	94.0	94.7	96.7	97.3	97.8	99.6
GE 100	35.1	37.0	54.7	54.7	77.8	80.7	85.6	88.0	88.6	91.5	94.0	94.7	96.7	97.3	97.8	99.9
GE 000	35.1	37.0	54.7	54.7	77.8	80.7	85.6	88.0	88.6	91.5	94.0	94.7	96.7	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	51.4	53.7	68.8	68.8	76.4	76.7	77.5	78.3	78.6	79.4	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	51.5	53.8	68.9	68.9	76.6	77.0	77.8	78.5	78.8	79.7	79.8	79.8	79.8	79.8	79.8	79.8
GE 4000	53.0	55.2	70.4	70.4	78.3	78.6	79.6	80.3	80.6	81.4	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	53.8	56.0	72.2	72.2	80.6	81.0	81.9	82.6	83.1	83.9	84.2	84.2	84.2	84.2	84.2	84.2
GE 3000	56.0	58.6	75.9	75.9	86.8	87.4	88.9	90.2	90.7	91.5	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	56.3	58.9	76.5	76.5	88.4	89.1	90.9	92.3	92.8	93.7	94.1	94.1	94.2	94.2	94.2	94.2
GE 2000	57.0	59.6	77.7	77.7	90.2	90.9	92.7	94.3	94.8	95.9	96.3	96.3	96.5	96.5	96.5	96.5
GE 1800	57.0	59.6	77.7	77.7	90.2	90.9	92.7	94.3	94.8	95.9	96.3	96.3	96.5	96.5	96.5	96.5
GE 1500	57.0	59.6	77.8	77.8	90.5	91.3	93.3	95.2	95.6	96.7	97.2	97.2	97.3	97.3	97.3	97.3
GE 1200	57.1	59.7	77.9	77.9	90.9	91.6	93.6	95.5	96.0	97.0	97.5	97.5	97.6	97.6	97.6	97.6
GE 1000	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.0	96.5	97.5	98.1	98.1	98.2	98.2	98.2	98.2
GE 900	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.0	96.5	97.5	98.1	98.1	98.2	98.2	98.2	98.2
GE 800	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.1	96.6	97.6	98.2	98.2	98.3	98.3	98.3	98.3
GE 700	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.1	96.6	97.6	98.3	98.3	98.7	98.7	98.7	98.7
GE 600	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.1	96.6	97.8	98.5	98.5	98.8	98.8	98.8	98.8
GE 500	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.1	96.6	97.8	98.5	98.5	98.8	98.8	98.8	98.9
GE 400	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.1	96.6	97.8	98.6	98.6	98.9	98.9	98.9	99.1
GE 300	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.1	96.6	97.9	98.8	98.8	99.2	99.2	99.2	99.6
GE 200	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.1	96.6	97.9	98.8	98.8	99.2	99.2	99.2	99.8
GE 100	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.1	96.6	97.9	98.8	98.8	99.2	99.2	99.2	100.0
GE 000	57.2	59.8	78.1	78.1	91.4	92.1	94.1	96.1	96.6	97.9	98.8	98.8	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	59.9	63.5	75.7	75.7	80.5	81.0	81.4	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9
GE 4500	60.4	63.9	76.1	76.1	81.0	81.4	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4
GE 4000	61.2	64.8	77.4	77.4	82.5	83.0	83.6	83.8	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0
GE 3500	62.4	66.3	79.1	79.1	84.4	85.0	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.1	86.1
GE 3000	64.7	69.0	83.5	83.5	90.4	91.1	91.8	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.6	92.6
GE 2500	65.1	69.6	84.3	84.3	92.0	92.7	93.5	94.1	94.2	94.3	94.7	94.7	94.7	94.7	94.8	94.8
GE 2000	65.6	70.1	85.0	85.0	93.5	94.4	95.3	96.1	96.2	96.3	96.7	96.7	96.8	96.8	96.9	96.9
GE 1800	65.6	70.1	85.0	85.0	93.5	94.4	95.4	96.3	96.5	96.6	96.9	96.9	97.0	97.0	97.2	97.2
GE 1500	65.6	70.1	85.0	85.0	93.5	94.4	95.4	96.3	96.6	96.7	97.2	97.2	97.3	97.3	97.4	97.4
GE 1200	65.6	70.1	85.1	85.1	94.2	95.2	96.1	97.0	97.3	97.4	97.9	97.9	98.0	98.0	98.1	98.1
GE 1000	65.6	70.1	85.1	85.1	94.3	95.3	96.2	97.2	97.4	97.5	98.0	98.0	98.1	98.1	98.3	98.3
GE 900	65.6	70.1	85.1	85.1	94.3	95.3	96.2	97.2	97.4	97.5	98.0	98.0	98.1	98.1	98.3	98.3
GE 800	65.6	70.1	85.1	85.1	94.3	95.3	96.2	97.2	97.4	97.8	98.2	98.2	98.3	98.3	98.6	98.6
GE 700	65.6	70.1	85.1	85.1	94.6	95.5	96.5	97.4	97.6	98.0	98.5	98.5	98.6	98.6	98.8	98.8
GE 600	65.6	70.1	85.1	85.1	94.6	95.5	96.5	97.4	97.6	98.2	98.8	98.8	99.1	99.1	99.3	99.3
GE 500	65.6	70.1	85.1	85.1	94.7	95.6	96.6	97.5	97.8	98.5	99.1	99.1	99.3	99.3	99.5	99.5
GE 400	65.6	70.1	85.1	85.1	94.7	95.6	96.6	97.5	97.8	98.5	99.1	99.1	99.5	99.5	99.8	99.8
GE 300	65.6	70.1	85.1	85.1	94.7	95.6	96.6	97.5	97.8	98.5	99.1	99.1	99.6	99.6	99.9	99.9
GE 200	65.6	70.1	85.1	85.1	94.7	95.6	96.6	97.5	97.8	98.5	99.1	99.1	99.6	99.6	99.9	99.9
GE 100	65.6	70.1	85.1	85.1	94.7	95.6	96.6	97.5	97.8	98.5	99.1	99.1	99.8	99.8	100.0	100.0
GE 000	65.6	70.1	85.1	85.1	94.7	95.6	96.6	97.5	97.8	98.5	99.1	99.1	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	58.0	60.3	70.6	70.6	79.1	80.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	58.4	60.8	71.0	71.0	79.6	80.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	59.6	61.9	72.7	72.7	81.7	82.7	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	60.6	63.1	73.9	73.9	83.2	84.3	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	63.7	66.2	77.8	77.8	88.4	89.5	90.8	91.6	91.6	91.7	91.8	92.0	92.0	92.0	92.0	92.0
GE 2500	63.7	66.2	78.1	78.1	89.8	91.0	92.9	94.1	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4
GE 2000	63.7	66.2	79.0	79.0	91.4	92.6	94.6	96.0	96.0	96.5	96.6	96.7	96.7	96.7	96.7	96.7
GE 1800	63.7	66.2	79.0	79.0	91.4	92.6	94.6	96.1	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8
GE 1500	63.7	66.2	79.0	79.0	91.5	92.8	95.2	96.7	96.7	97.3	97.4	97.5	97.5	97.5	97.5	97.5
GE 1200	63.7	66.2	79.0	79.0	91.8	93.1	95.5	97.0	97.0	97.6	97.8	97.9	97.9	97.9	97.9	97.9
GE 1000	63.7	66.2	79.0	79.0	91.8	93.1	95.5	97.0	97.0	97.6	97.9	98.0	98.2	98.2	98.3	98.3
GE 900	63.7	66.2	79.0	79.0	91.8	93.1	95.5	97.0	97.0	97.6	97.9	98.0	98.2	98.2	98.3	98.3
GE 800	63.7	66.2	79.0	79.0	91.8	93.1	95.5	97.0	97.0	97.8	98.1	98.2	98.5	98.5	98.6	98.6
GE 700	63.7	66.2	79.0	79.0	92.2	93.5	95.9	97.5	97.5	98.2	98.6	98.7	98.9	98.9	99.1	99.1
GE 600	63.7	66.2	79.0	79.0	92.2	93.5	95.9	97.5	97.5	98.2	98.6	98.7	98.9	99.2	99.4	99.4
GE 500	63.7	66.2	79.0	79.0	92.2	93.5	95.9	97.5	97.5	98.3	98.7	98.8	99.1	99.3	99.5	99.6
GE 400	63.7	66.2	79.0	79.0	92.2	93.5	95.9	97.5	97.5	98.3	98.7	98.8	99.1	99.3	99.5	99.6
GE 300	63.7	66.2	79.0	79.0	92.2	93.5	95.9	97.5	97.5	98.3	98.7	98.8	99.2	99.4	99.6	99.9
GE 200	63.7	66.2	79.0	79.0	92.2	93.5	95.9	97.5	97.5	98.3	98.7	98.8	99.2	99.4	99.6	99.9
GE 100	63.7	66.2	79.0	79.0	92.2	93.5	95.9	97.5	97.5	98.3	98.7	98.8	99.2	99.4	99.8	100.0
GE 000	63.7	66.2	79.0	79.0	92.2	93.5	95.9	97.5	97.5	98.3	98.7	98.8	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: 21-23

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	58.3	61.0	70.1	70.1	77.3	78.1	79.4	79.8	79.9	80.1	80.1	80.1	80.4	80.4	80.5	80.5
GE 4500	59.0	61.8	70.9	70.9	78.1	79.0	80.4	80.7	80.9	81.1	81.1	81.1	81.3	81.3	81.4	81.4
GE 4000	61.1	63.9	73.3	73.3	80.7	81.7	83.1	83.5	83.6	83.8	83.8	83.8	84.0	84.0	84.2	84.2
GE 3500	61.6	64.4	74.0	74.0	82.2	83.2	84.8	85.1	85.2	85.5	85.5	85.5	85.7	85.7	85.8	85.8
GE 3000	63.2	66.1	77.0	77.0	86.3	87.4	89.4	89.8	90.1	90.3	90.3	90.3	90.5	90.5	90.7	90.7
GE 2500	63.7	66.7	77.9	77.9	87.7	89.0	91.6	92.1	92.6	92.8	92.8	92.8	93.0	93.0	93.1	93.1
GE 2000	64.1	67.0	78.3	78.3	88.9	90.4	93.1	93.7	94.2	94.4	94.8	94.8	95.0	95.0	95.2	95.2
GE 1800	64.1	67.0	78.3	78.3	89.0	90.5	93.3	93.9	94.3	94.6	94.9	94.9	95.2	95.2	95.3	95.3
GE 1500	64.1	67.0	78.3	78.3	89.2	91.0	94.1	94.7	95.2	95.5	95.9	95.9	96.1	96.1	96.2	96.2
GE 1200	64.3	67.3	78.8	78.8	89.8	91.6	94.7	95.3	95.7	96.1	96.5	96.5	96.7	96.7	96.8	96.8
GE 1000	64.3	67.3	79.0	79.0	90.0	92.1	95.3	95.9	96.3	96.7	97.0	97.0	97.3	97.3	97.4	97.4
GE 900	64.3	67.3	79.0	79.0	90.0	92.1	95.3	95.9	96.3	96.7	97.0	97.0	97.3	97.3	97.4	97.4
GE 800	64.3	67.3	79.0	79.0	90.0	92.1	95.5	96.2	96.7	97.2	97.5	97.5	97.8	97.8	97.9	97.9
GE 700	64.3	67.3	79.0	79.0	90.0	92.2	95.6	96.7	97.2	97.6	98.0	98.0	98.2	98.2	98.3	98.3
GE 600	64.3	67.3	79.0	79.0	90.0	92.2	95.6	96.7	97.2	97.6	98.0	98.0	98.2	98.2	98.3	98.3
GE 500	64.3	67.3	79.0	79.0	90.0	92.2	95.6	96.7	97.2	97.9	98.2	98.2	98.6	98.6	98.7	99.1
GE 400	64.3	67.3	79.0	79.0	90.0	92.2	95.6	96.7	97.2	97.9	98.2	98.2	98.6	98.6	98.7	99.1
GE 300	64.3	67.3	79.0	79.0	90.0	92.2	95.6	96.7	97.2	97.9	98.2	98.2	98.7	98.8	98.9	99.4
GE 200	64.3	67.3	79.0	79.0	90.0	92.2	95.6	96.7	97.2	97.9	98.2	98.2	98.7	98.9	99.1	99.8
GE 100	64.3	67.3	79.0	79.0	90.0	92.2	95.6	96.7	97.2	97.9	98.2	98.2	98.7	99.1	99.3	100.0
GE 000	64.3	67.3	79.0	79.0	90.0	92.2	95.6	96.7	97.2	97.9	98.2	98.2	98.7	99.1	99.3	100.0
.....																

TOTAL NUMBER OF OBSERVATIONS 846



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: FEB HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	49.0	51.5	63.7	63.7	73.6	74.7	76.2	76.9	77.0	77.5	77.8	77.9	78.3	78.3	78.4	78.6
GE 4500	49.3	52.0	64.2	64.2	74.1	75.2	76.6	77.4	77.6	78.1	78.4	78.5	78.9	78.9	79.0	79.1
GE 4000	51.1	53.7	66.3	66.3	76.4	77.6	79.2	79.9	80.1	80.6	81.0	81.1	81.4	81.5	81.6	81.7
GE 3500	52.1	54.8	67.8	67.8	78.5	79.8	81.5	82.2	82.4	82.9	83.3	83.4	83.8	83.9	84.0	84.1
GE 3000	54.2	57.1	71.1	71.1	83.5	85.0	87.0	88.0	88.2	88.9	89.3	89.5	90.0	90.1	90.2	90.3
GE 2500	54.5	57.4	71.7	71.7	84.7	86.2	88.6	89.7	90.0	90.7	91.2	91.4	91.9	92.0	92.1	92.2
GE 2000	54.7	57.7	72.2	72.2	85.9	87.6	90.1	91.4	91.6	92.5	93.2	93.3	93.9	94.0	94.1	94.3
GE 1800	54.7	57.7	72.2	72.2	86.0	87.7	90.2	91.5	91.8	92.7	93.3	93.5	94.1	94.2	94.3	94.5
GE 1500	54.8	57.8	72.4	72.4	86.4	88.2	90.9	92.3	92.6	93.6	94.3	94.5	95.0	95.2	95.2	95.4
GE 1200	55.0	57.9	72.6	72.6	86.8	88.7	91.4	92.8	93.1	94.1	94.9	95.0	95.6	95.7	95.8	96.0
GE 1000	55.0	57.9	72.7	72.7	87.0	89.0	91.8	93.2	93.6	94.6	95.5	95.7	96.3	96.4	96.5	96.7
GE 900	55.0	57.9	72.7	72.7	87.0	89.0	91.8	93.2	93.6	94.6	95.5	95.7	96.3	96.4	96.5	96.7
GE 800	55.0	57.9	72.7	72.7	87.1	89.0	91.8	93.3	93.7	94.8	95.7	96.0	96.6	96.7	96.8	97.0
GE 700	55.0	57.9	72.7	72.7	87.2	89.1	92.0	93.6	93.9	95.1	96.0	96.2	96.9	97.0	97.1	97.3
GE 600	55.0	57.9	72.7	72.7	87.2	89.1	92.0	93.6	93.9	95.2	96.1	96.3	97.0	97.2	97.3	97.5
GE 500	55.0	57.9	72.7	72.7	87.2	89.2	92.1	93.7	94.0	95.3	96.2	96.5	97.4	97.6	97.7	98.2
GE 400	55.0	57.9	72.7	72.7	87.2	89.2	92.1	93.7	94.0	95.3	96.3	96.5	97.5	97.7	97.9	98.5
GE 300	55.0	57.9	72.7	72.7	87.2	89.2	92.1	93.7	94.1	95.4	96.3	96.6	97.7	97.9	98.2	99.0
GE 200	55.0	57.9	72.7	72.7	87.2	89.2	92.1	93.7	94.1	95.4	96.3	96.6	97.7	97.9	98.3	99.5
GE 100	55.0	57.9	72.7	72.7	87.2	89.2	92.1	93.7	94.1	95.4	96.3	96.6	97.7	97.9	98.4	99.7
GE 000	55.0	57.9	72.7	72.7	87.2	89.2	92.1	93.7	94.1	95.4	96.3	96.6	97.7	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6766

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	60.4	62.4	74.3	74.3	82.0	82.5	84.1	84.6	84.8	84.8	84.8	84.8	84.9	84.9	85.1	85.4
GE 4500	60.5	62.5	74.6	74.6	82.4	82.8	84.4	84.9	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.7
GE 4000	61.2	63.2	75.8	75.8	84.0	84.4	86.0	86.6	86.8	86.8	86.8	86.8	86.9	86.9	87.0	87.3
GE 3500	61.3	63.3	76.3	76.3	84.7	85.2	86.8	87.3	87.5	87.5	87.5	87.5	87.6	87.6	87.7	88.1
GE 3000	62.5	64.5	78.4	78.4	88.1	88.5	90.2	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.3	91.6
GE 2500	62.6	64.6	78.6	78.6	88.6	89.0	90.8	91.3	91.5	91.6	91.6	91.6	91.7	91.7	91.8	92.2
GE 2000	63.1	65.2	79.7	79.7	90.1	90.6	92.4	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.7	94.0
GE 1800	63.1	65.2	79.8	79.8	90.2	90.8	92.5	93.3	93.5	93.7	93.7	93.7	93.8	93.8	93.9	94.2
GE 1500	63.2	65.3	80.1	80.1	90.9	91.6	93.4	94.4	94.6	95.1	95.1	95.1	95.2	95.2	95.3	95.6
GE 1200	63.2	65.3	80.1	80.1	91.0	91.7	93.7	94.6	94.8	95.3	95.3	95.3	95.4	95.4	95.5	95.8
GE 1000	63.3	65.4	80.3	80.3	91.7	92.7	94.6	95.6	95.8	96.3	96.3	96.3	96.5	96.5	96.6	96.9
GE 900	63.3	65.4	80.3	80.3	91.8	92.8	94.9	95.9	96.1	96.7	96.7	96.7	96.8	96.8	96.9	97.2
GE 800	63.5	65.6	80.5	80.5	92.0	93.2	95.4	96.3	96.8	97.3	97.5	97.5	97.6	97.6	97.7	98.1
GE 700	63.5	65.6	80.5	80.5	92.5	93.7	95.9	96.9	97.3	97.8	98.1	98.1	98.2	98.2	98.3	98.6
GE 600	63.5	65.6	80.6	80.6	92.6	93.8	96.0	97.0	97.4	98.0	98.2	98.2	98.3	98.3	98.4	98.7
GE 500	63.5	65.6	80.6	80.6	92.6	93.8	96.1	97.1	97.5	98.2	98.5	98.5	98.6	98.6	98.8	99.1
GE 400	63.5	65.6	80.6	80.6	92.6	93.8	96.5	97.4	97.8	98.5	98.8	98.8	99.0	99.0	99.2	99.6
GE 300	63.5	65.6	80.6	80.6	92.6	93.8	96.5	97.4	97.8	98.5	98.8	98.8	99.0	99.0	99.5	99.8
GE 200	63.5	65.6	80.6	80.6	92.6	93.8	96.5	97.4	97.8	98.5	98.8	98.8	99.0	99.0	99.5	99.8
GE 100	63.5	65.6	80.6	80.6	92.6	93.8	96.5	97.4	97.8	98.5	98.8	98.8	99.0	99.0	99.7	100.0
GE 000	63.5	65.6	80.6	80.6	92.6	93.8	96.5	97.4	97.8	98.5	98.8	98.8	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 03-05

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	49.5	50.3	65.5	65.5	78.5	78.7	80.5	80.9	81.0	81.3	81.3	81.3	81.6	81.6	81.8	82.1
GE 4500	49.7	50.5	65.8	65.8	78.9	79.1	80.9	81.3	81.4	81.8	81.8	81.8	82.0	82.0	82.2	82.5
GE 4000	50.6	51.5	67.4	67.4	80.8	81.0	82.8	83.3	83.4	83.7	83.7	83.7	83.9	83.9	84.1	84.5
GE 3500	51.0	51.9	68.5	68.5	82.0	82.3	84.1	84.6	84.7	85.0	85.1	85.1	85.3	85.3	85.5	85.9
GE 3000	53.1	53.9	71.8	71.8	85.8	86.2	88.2	88.7	88.8	89.1	89.2	89.2	89.4	89.4	89.6	90.0
GE 2500	53.6	54.5	72.8	72.8	87.3	87.8	90.0	90.4	90.5	90.9	91.0	91.0	91.3	91.3	91.5	91.8
GE 2000	53.9	54.8	73.1	73.1	88.0	88.6	90.8	91.4	91.5	91.9	92.1	92.1	92.3	92.3	92.6	92.9
GE 1800	53.9	54.8	73.1	73.1	88.0	88.6	90.8	91.4	91.5	91.9	92.1	92.1	92.3	92.3	92.6	92.9
GE 1500	54.2	55.0	73.8	73.8	88.8	89.5	92.0	92.6	92.7	93.2	93.4	93.4	93.6	93.6	93.9	94.2
GE 1200	54.4	55.2	74.0	74.0	89.4	90.2	92.7	93.2	93.3	93.9	94.1	94.1	94.3	94.3	94.5	94.8
GE 1000	54.5	55.3	74.1	74.1	90.0	91.0	93.9	94.5	94.6	95.1	95.5	95.5	95.7	95.7	95.9	96.2
GE 900	54.5	55.3	74.1	74.1	90.0	91.0	94.1	94.7	94.8	95.4	95.7	95.7	95.9	95.9	96.1	96.4
GE 800	54.5	55.3	74.2	74.2	90.1	91.2	94.4	95.0	95.1	95.7	96.0	96.0	96.2	96.2	96.4	96.8
GE 700	54.5	55.3	74.2	74.2	90.5	91.6	94.8	95.5	95.6	96.1	96.8	96.8	97.0	97.0	97.2	97.5
GE 600	54.6	55.4	74.4	74.4	90.7	91.8	95.0	95.8	95.9	96.4	97.1	97.1	97.3	97.3	97.5	97.8
GE 500	54.6	55.4	74.4	74.4	90.7	91.9	95.1	95.9	96.0	96.5	97.2	97.2	97.4	97.4	97.6	98.0
GE 400	54.6	55.4	74.4	74.4	90.7	91.9	95.4	96.2	96.3	96.9	97.6	97.6	97.8	97.8	98.1	98.4
GE 300	54.6	55.4	74.4	74.4	90.7	91.9	95.4	96.3	96.4	97.0	97.8	97.8	98.1	98.1	98.6	98.9
GE 200	54.6	55.4	74.4	74.4	90.7	91.9	95.4	96.3	96.4	97.0	97.8	97.8	98.1	98.1	98.6	99.1
GE 100	54.6	55.4	74.4	74.4	90.7	91.9	95.4	96.3	96.4	97.0	97.8	97.8	98.1	98.1	98.9	99.6
GE 000	54.6	55.4	74.4	74.4	90.7	91.9	95.4	96.3	96.4	97.0	97.8	97.8	98.1	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 06-08

CEILING	VISIBILITY IN METERS															
IN	GE	CE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	34.5	35.5	50.8	50.8	67.0	69.5	72.3	73.4	73.7	74.7	75.1	75.1	75.5	75.6	75.8	77.2
GE 4500	34.8	35.8	51.4	51.4	67.7	70.2	73.0	74.2	74.4	75.5	75.8	75.8	76.2	76.3	76.6	78.0
GE 4000	36.5	37.6	53.3	53.3	70.2	72.7	75.5	76.7	76.9	78.0	78.3	78.3	78.7	78.8	79.0	80.4
GE 3500	36.8	38.1	54.3	54.3	71.3	74.0	76.9	78.3	78.5	79.6	79.9	79.9	80.3	80.4	80.6	82.0
GE 3000	38.4	39.7	57.8	57.8	76.6	79.4	82.7	84.5	84.8	85.9	86.2	86.2	86.7	86.8	87.0	88.4
GE 2500	39.2	40.5	59.4	59.4	78.5	81.3	84.6	86.6	86.9	88.0	88.3	88.3	88.7	88.8	89.0	90.4
GE 2000	39.9	41.2	60.8	60.8	80.4	83.4	86.9	88.9	89.4	90.5	90.9	90.9	91.4	91.5	91.7	93.3
GE 1800	40.0	41.3	60.9	60.9	80.5	83.5	87.0	89.0	89.5	90.6	91.0	91.0	91.5	91.6	91.8	93.4
GE 1500	40.3	41.6	61.3	61.3	81.6	84.6	88.1	90.1	90.5	91.7	92.0	92.0	92.6	92.7	92.9	94.5
GE 1200	40.4	41.7	61.4	61.4	81.7	84.7	88.2	90.2	90.6	91.8	92.2	92.2	92.7	92.8	93.0	94.6
GE 1000	40.8	42.0	62.0	62.0	82.5	86.0	89.6	91.8	92.3	93.4	93.8	93.8	94.5	94.6	94.8	96.5
GE 900	40.8	42.0	62.0	62.0	82.5	86.0	89.6	91.8	92.3	93.4	93.8	93.8	94.5	94.6	94.8	96.5
GE 800	40.8	42.0	62.0	62.0	82.5	86.1	89.8	92.0	92.5	93.7	94.0	94.0	94.7	94.8	95.1	96.7
GE 700	40.8	42.0	62.0	62.0	82.6	86.2	90.0	92.3	92.8	94.0	94.5	94.5	95.4	95.5	95.7	97.4
GE 600	40.8	42.0	62.0	62.0	82.6	86.2	90.0	92.3	92.8	94.0	94.5	94.5	95.4	95.5	95.7	97.5
GE 500	40.9	42.2	62.2	62.2	82.7	86.6	90.3	92.6	93.1	94.3	94.8	94.8	95.9	96.0	96.2	98.3
GE 400	40.9	42.2	62.2	62.2	82.7	86.7	90.4	92.7	93.2	94.4	94.9	94.9	96.0	96.1	96.3	98.4
GE 300	40.9	42.2	62.2	62.2	82.7	86.7	90.4	92.8	93.3	94.5	95.4	95.4	96.5	96.6	96.8	98.8
GE 200	40.9	42.2	62.2	62.2	82.7	86.7	90.4	92.8	93.3	94.5	95.4	95.4	96.8	96.9	97.1	99.9
GE 100	40.9	42.2	62.2	62.2	82.7	86.7	90.4	92.8	93.3	94.5	95.4	95.4	96.8	96.9	97.2	100.0
GE 000	40.9	42.2	62.2	62.2	82.7	86.7	90.4	92.8	93.3	94.5	95.4	95.4	96.8	96.9	97.2	100.0
.....																

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	37.9	39.6	58.7	58.7	70.7	74.2	76.9	77.8	77.9	78.3	78.6	78.6	78.7	78.8	78.8	78.8
GE 4500	38.3	40.2	59.3	59.3	71.4	74.9	77.6	78.6	78.7	79.0	79.3	79.3	79.4	79.5	79.5	79.5
GE 4000	39.0	40.8	60.3	60.3	72.7	76.6	79.3	80.4	80.5	80.8	81.2	81.2	81.3	81.4	81.4	81.4
GE 3500	39.4	41.4	61.5	61.5	74.3	78.3	80.9	82.0	82.1	82.5	82.8	82.8	82.9	83.0	83.0	83.0
GE 3000	41.0	43.1	63.9	63.9	78.6	82.6	85.4	86.9	87.0	87.4	87.7	87.7	87.8	87.9	87.9	87.9
GE 2500	41.9	44.1	65.9	65.9	80.6	84.6	87.4	89.1	89.2	89.8	90.1	90.1	90.2	90.3	90.3	90.3
GE 2000	42.6	44.9	67.1	67.1	81.9	86.1	89.2	91.6	91.7	92.2	92.6	92.6	92.7	92.8	92.8	92.8
GE 1800	42.6	44.9	67.1	67.1	81.9	86.1	89.2	91.6	91.7	92.2	92.6	92.6	92.7	92.8	92.8	92.8
GE 1500	42.7	45.0	67.6	67.6	82.9	87.2	90.6	93.4	93.5	94.1	94.4	94.5	94.7	94.8	94.8	94.8
GE 1200	42.7	45.0	67.7	67.7	83.5	87.8	91.3	94.1	94.2	94.7	95.0	95.2	95.4	95.5	95.5	95.5
GE 1000	42.7	45.0	67.7	67.7	83.6	88.2	91.9	95.0	95.3	95.9	96.3	96.4	96.7	96.9	97.0	97.1
GE 900	42.7	45.0	67.7	67.7	83.6	88.2	91.9	95.2	95.4	96.1	96.6	96.7	96.9	97.1	97.2	97.3
GE 800	42.7	45.0	67.7	67.7	83.9	88.4	92.6	95.8	96.0	96.9	97.3	97.4	97.6	97.8	98.0	98.1
GE 700	42.7	45.0	67.7	67.7	83.9	88.4	92.6	95.8	96.2	97.1	97.6	97.7	98.0	98.2	98.3	98.4
GE 600	42.7	45.0	67.7	67.7	83.9	88.4	92.6	95.8	96.2	97.2	97.7	97.8	98.1	98.3	98.4	98.5
GE 500	42.7	45.0	67.7	67.7	84.2	88.7	93.0	96.2	96.7	97.7	98.4	98.5	98.7	98.9	99.0	99.4
GE 400	42.7	45.0	67.7	67.7	84.2	88.7	93.0	96.3	96.8	97.8	98.5	98.6	98.9	99.1	99.2	99.6
GE 300	42.7	45.0	67.7	67.7	84.2	88.7	93.0	96.3	96.8	97.8	98.5	98.6	98.9	99.1	99.2	99.6
GE 200	42.7	45.0	67.7	67.7	84.2	88.7	93.0	96.3	96.8	98.0	98.6	98.7	99.1	99.4	99.5	99.9
GE 100	42.7	45.0	67.7	67.7	84.2	88.7	93.0	96.3	96.8	98.0	98.6	98.7	99.1	99.4	99.5	99.9
GE 000	42.7	45.0	67.7	67.7	84.2	88.7	93.0	96.3	96.8	98.0	98.6	98.7	99.1	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	58.3	60.3	72.7	72.7	78.7	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	58.5	60.5	72.9	72.9	78.9	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	58.8	60.9	73.7	73.7	80.0	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	59.9	61.9	75.1	75.1	82.3	83.7	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3000	63.2	65.4	79.1	79.1	87.3	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	64.4	66.8	80.9	80.9	89.5	90.9	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	65.3	67.6	81.9	81.9	91.6	93.1	94.2	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	65.5	67.8	82.2	82.2	91.8	93.3	94.6	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	66.0	68.4	83.2	83.2	93.2	94.7	96.1	96.7	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	66.0	68.4	83.7	83.7	93.9	95.4	96.9	97.4	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	66.0	68.4	83.7	83.7	94.2	95.7	97.7	98.3	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	66.0	68.4	83.7	83.7	94.3	95.8	97.8	98.4	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	66.1	68.5	83.9	83.9	94.5	96.0	98.2	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	66.1	68.5	83.9	83.9	94.5	96.0	98.2	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	66.1	68.5	83.9	83.9	94.5	96.0	98.2	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	66.1	68.5	84.0	84.0	94.7	96.2	98.4	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	66.1	68.5	84.0	84.0	94.7	96.2	98.5	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	66.1	68.5	84.0	84.0	94.7	96.2	98.5	99.0	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	66.1	68.5	84.0	84.0	94.7	96.2	98.5	99.0	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	66.1	68.5	84.0	84.0	94.7	96.2	98.5	99.0	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	66.1	68.5	84.0	84.0	94.7	96.2	98.5	99.0	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	64.9	67.6	77.9	77.9	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	65.2	67.9	78.2	78.2	82.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	66.6	69.3	79.6	79.6	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	66.9	69.8	80.7	80.7	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	70.0	73.0	84.6	84.6	90.0	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	71.0	73.9	86.0	86.0	91.7	92.8	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	71.6	74.5	86.5	86.5	92.6	93.8	94.1	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 1800	71.6	74.5	86.5	86.5	92.6	93.9	94.2	94.3	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6
GE 1500	71.9	74.8	87.0	87.0	93.3	94.6	95.2	95.5	95.5	95.7	95.8	95.9	95.9	95.9	96.0	96.0
GE 1200	72.2	75.1	87.7	87.7	94.3	95.7	96.4	96.8	96.8	97.0	97.2	97.3	97.3	97.3	97.4	97.4
GE 1000	72.3	75.2	87.9	87.9	94.7	96.1	97.2	97.7	97.7	98.0	98.2	98.3	98.4	98.4	98.5	98.5
GE 900	72.3	75.2	88.0	88.0	94.9	96.4	97.5	98.1	98.1	98.3	98.5	98.6	98.7	98.7	98.8	98.8
GE 800	72.4	75.3	88.3	88.3	95.2	96.7	97.7	98.3	98.3	98.6	98.8	98.9	99.0	99.0	99.1	99.1
GE 700	72.4	75.3	88.3	88.3	95.2	96.7	97.7	98.3	98.3	98.6	98.8	98.9	99.0	99.0	99.1	99.1
GE 600	72.4	75.3	88.3	88.3	95.2	96.8	97.8	98.4	98.4	98.7	98.9	99.0	99.1	99.1	99.2	99.2
GE 500	72.4	75.3	88.3	88.3	95.5	97.2	98.3	98.8	98.8	99.2	99.5	99.6	99.7	99.7	99.8	99.8
GE 400	72.4	75.3	88.3	88.3	95.5	97.2	98.3	98.8	98.8	99.2	99.5	99.6	99.7	99.7	99.8	99.8
GE 300	72.4	75.3	88.3	88.3	95.5	97.2	98.3	98.8	98.8	99.2	99.5	99.7	99.8	99.8	99.9	99.9
GE 200	72.4	75.3	88.3	88.3	95.5	97.2	98.3	98.8	98.8	99.2	99.5	99.7	99.8	99.8	100.0	100.0
GE 100	72.4	75.3	88.3	88.3	95.5	97.2	98.3	98.8	98.8	99.2	99.5	99.7	99.8	99.8	100.0	100.0
GE 000	72.4	75.3	88.3	88.3	95.5	97.2	98.3	98.8	98.8	99.2	99.5	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	58.8	60.9	74.0	74.0	83.0	83.8	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	59.1	61.1	74.2	74.2	83.2	84.1	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	60.5	62.5	76.1	76.1	85.3	86.2	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	61.0	63.0	76.9	76.9	86.4	87.3	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000	63.1	65.2	79.4	79.4	89.5	90.4	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	63.9	65.9	80.4	80.4	91.2	92.2	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	64.0	66.1	80.6	80.6	91.9	93.1	94.5	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.5	95.5
GE 1800	64.0	66.1	80.6	80.6	91.9	93.2	94.6	95.2	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.6
GE 1500	64.3	66.4	80.9	80.9	92.5	93.9	95.4	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.6	96.6
GE 1200	64.5	66.6	81.1	81.1	93.0	94.4	95.9	96.6	96.7	96.8	96.8	96.8	96.9	96.9	97.1	97.1
GE 1000	64.7	66.7	81.4	81.4	93.9	95.3	96.8	97.5	97.7	97.8	97.8	97.8	98.1	98.1	98.3	98.3
GE 900	64.7	66.7	81.4	81.4	94.0	95.4	96.9	97.6	97.8	98.0	98.0	98.0	98.2	98.2	98.4	98.4
GE 800	64.7	66.7	81.4	81.4	94.2	95.6	97.1	97.8	98.1	98.2	98.2	98.2	98.4	98.4	98.7	98.7
GE 700	64.7	66.7	81.4	81.4	94.2	95.9	97.4	98.3	98.5	98.6	98.6	98.6	98.8	98.8	99.1	99.1
GE 600	64.7	66.7	81.6	81.6	94.4	96.2	97.7	98.6	98.8	98.9	98.9	98.9	99.1	99.1	99.5	99.5
GE 500	64.7	66.7	81.6	81.6	94.6	96.4	98.0	98.8	99.0	99.1	99.1	99.1	99.4	99.4	99.7	99.7
GE 400	64.7	66.7	81.6	81.6	94.6	96.4	98.0	98.8	99.0	99.1	99.1	99.1	99.4	99.4	99.7	99.7
GE 300	64.7	66.7	81.6	81.6	94.6	96.4	98.0	98.8	99.0	99.1	99.1	99.1	99.5	99.5	99.8	99.8
GE 200	64.7	66.7	81.6	81.6	94.6	96.4	98.0	98.8	99.0	99.1	99.1	99.1	99.5	99.5	100.0	100.0
GE 100	64.7	66.7	81.6	81.6	94.6	96.4	98.0	98.8	99.0	99.1	99.1	99.1	99.5	99.5	100.0	100.0
GE 000	64.7	66.7	81.6	81.6	94.6	96.4	98.0	98.8	99.0	99.1	99.1	99.1	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	60.7	61.9	74.1	74.1	84.0	84.2	85.5	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	60.8	62.0	74.2	74.2	84.1	84.3	85.6	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000	61.8	63.0	76.2	76.2	86.5	86.8	88.1	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	62.3	63.5	77.0	77.0	87.3	87.5	88.8	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	63.4	64.6	78.0	78.0	88.9	89.1	90.4	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2500	63.6	65.0	78.6	78.6	90.4	90.9	92.2	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	63.8	65.2	79.0	79.0	91.4	91.9	93.5	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	63.8	65.2	79.0	79.0	91.4	91.9	93.5	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	64.0	65.4	79.4	79.4	92.0	92.6	94.2	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	64.0	65.4	79.5	79.5	92.8	93.3	95.2	96.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	64.2	65.6	79.8	79.8	93.5	94.5	96.3	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 900	64.2	65.6	79.8	79.8	93.5	94.5	96.3	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 800	64.2	65.6	79.8	79.8	93.5	94.5	96.3	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 700	64.2	65.6	79.8	79.8	93.8	94.8	96.7	98.2	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0
GE 600	64.2	65.6	79.8	79.8	93.8	94.9	96.9	98.4	98.7	99.0	99.1	99.1	99.1	99.1	99.2	99.2
GE 500	64.2	65.6	79.8	79.8	93.9	95.0	97.0	98.6	98.9	99.6	99.8	99.8	99.8	99.8	99.9	99.9
GE 400	64.2	65.6	79.8	79.8	93.9	95.0	97.0	98.7	99.0	99.7	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	64.2	65.6	79.8	79.8	93.9	95.0	97.0	98.7	99.0	99.7	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	64.2	65.6	79.8	79.8	93.9	95.0	97.0	98.7	99.0	99.7	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	64.2	65.6	79.8	79.8	93.9	95.0	97.0	98.7	99.0	99.7	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	64.2	65.6	79.8	79.8	93.9	95.0	97.0	98.7	99.0	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	53.1	54.8	68.5	68.5	78.2	79.5	80.8	81.3	81.4	81.6	81.7	81.7	81.8	81.8	81.9	82.2
GE 4500	53.4	55.1	68.8	68.8	78.6	79.8	81.2	81.7	81.8	82.0	82.1	82.1	82.2	82.2	82.3	82.6
GE 4000	54.4	56.1	70.3	70.3	80.4	81.7	83.1	83.6	83.7	83.9	84.0	84.0	84.1	84.1	84.2	84.5
GE 3500	54.8	56.6	71.3	71.3	81.7	83.0	84.4	85.0	85.0	85.3	85.4	85.4	85.5	85.5	85.6	85.8
GE 3000	56.8	58.7	74.1	74.1	85.6	87.0	88.5	89.2	89.3	89.6	89.7	89.7	89.8	89.8	89.9	90.1
GE 2500	57.5	59.4	75.3	75.3	87.2	88.7	90.4	91.2	91.3	91.6	91.7	91.7	91.8	91.9	91.9	92.2
GE 2000	58.0	59.9	76.1	76.1	88.5	90.1	92.0	92.9	93.1	93.4	93.5	93.6	93.7	93.7	93.8	94.1
GE 1800	58.1	60.0	76.1	76.1	88.5	90.2	92.1	93.0	93.2	93.5	93.7	93.7	93.8	93.8	93.9	94.2
GE 1500	58.3	60.2	76.7	76.7	89.4	91.1	93.1	94.3	94.4	94.9	95.0	95.1	95.2	95.2	95.3	95.6
GE 1200	58.4	60.3	76.9	76.9	89.9	91.7	93.8	94.9	95.1	95.5	95.7	95.7	95.9	95.9	96.0	96.3
GE 1000	58.6	60.4	77.1	77.1	90.5	92.4	94.8	96.0	96.2	96.7	96.9	96.9	97.1	97.2	97.3	97.6
GE 900	58.6	60.4	77.1	77.1	90.6	92.5	94.9	96.2	96.4	96.9	97.1	97.1	97.3	97.3	97.5	97.8
GE 800	58.6	60.5	77.2	77.2	90.7	92.7	95.2	96.5	96.7	97.2	97.5	97.5	97.7	97.7	97.9	98.2
GE 700	58.6	60.5	77.2	77.2	90.9	92.9	95.4	96.7	97.0	97.6	97.9	97.9	98.1	98.1	98.3	98.6
GE 600	58.6	60.5	77.3	77.3	90.9	93.0	95.5	96.9	97.1	97.7	98.0	98.0	98.3	98.3	98.4	98.8
GE 500	58.6	60.5	77.3	77.3	91.1	93.2	95.8	97.1	97.4	98.0	98.4	98.4	98.7	98.7	98.9	99.2
GE 400	58.6	60.5	77.3	77.3	91.1	93.2	95.9	97.3	97.5	98.2	98.5	98.6	98.8	98.9	99.0	99.4
GE 300	58.6	60.5	77.3	77.3	91.1	93.2	95.9	97.3	97.6	98.2	98.6	98.7	99.0	99.0	99.2	99.6
GE 200	58.6	60.5	77.3	77.3	91.1	93.2	95.9	97.3	97.6	98.2	98.6	98.7	99.0	99.1	99.3	99.8
GE 100	58.6	60.5	77.3	77.3	91.1	93.2	95.9	97.3	97.6	98.2	98.6	98.7	99.0	99.1	99.4	99.9
GE 000	58.6	60.5	77.3	77.3	91.1	93.2	95.9	97.3	97.6	98.2	98.6	98.7	99.0	99.1	99.4	100.0
.....																

TOTAL NUMBER OF OBSERVATIONS 7431

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 00-02

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	55.3	56.5	71.5	71.5	79.4	79.5	81.0	81.2	81.3	81.9	82.2	82.2	82.3	82.3	82.4	82.5
GE 4500	55.6	57.1	72.2	72.2	80.5	80.6	82.1	82.3	82.4	83.0	83.3	83.3	83.4	83.4	83.5	83.6
GE 4000	57.1	58.5	74.3	74.3	83.0	83.1	84.5	84.8	84.9	85.4	85.8	85.8	85.9	85.9	86.0	86.1
GE 3500	58.0	59.4	75.8	75.8	84.4	84.5	86.0	86.2	86.3	86.9	87.2	87.2	87.3	87.3	87.4	87.5
GE 3000	59.7	61.2	78.8	78.8	87.7	87.8	89.2	89.4	89.5	90.1	90.4	90.4	90.5	90.5	90.7	90.8
GE 2500	60.0	61.4	79.1	79.1	88.3	88.7	90.1	90.3	90.4	91.0	91.3	91.3	91.4	91.4	91.5	91.7
GE 2000	60.2	61.6	79.3	79.3	88.9	89.2	90.9	91.1	91.2	91.8	92.1	92.1	92.2	92.2	92.3	92.4
GE 1800	60.3	61.7	79.4	79.4	89.0	89.3	91.0	91.2	91.3	91.9	92.2	92.2	92.3	92.3	92.4	92.5
GE 1500	60.5	62.0	79.6	79.6	89.3	89.7	91.4	91.7	91.8	92.5	93.0	93.0	93.1	93.1	93.2	93.3
GE 1200	60.5	62.0	79.6	79.6	89.3	90.0	91.8	92.0	92.1	92.9	93.3	93.3	93.4	93.4	93.5	93.7
GF 1000	60.5	62.0	79.6	79.6	89.7	90.3	92.2	92.4	92.5	93.3	93.8	93.8	93.9	93.9	94.0	94.1
GE 900	60.5	62.0	79.6	79.6	90.0	90.7	92.5	92.8	92.9	93.7	94.1	94.1	94.2	94.2	94.3	94.4
GE 800	60.5	62.0	79.8	79.8	90.1	90.8	92.7	92.9	93.0	94.1	94.5	94.5	94.7	94.7	94.8	94.9
GE 700	60.6	62.1	80.0	80.0	90.8	91.4	93.5	93.8	93.9	95.1	95.8	95.8	95.9	95.9	96.0	96.1
GE 600	60.6	62.1	80.3	80.3	91.2	91.9	94.0	94.2	94.3	95.6	96.2	96.2	96.3	96.3	96.4	96.6
GE 500	60.6	62.1	80.5	80.5	91.5	92.2	94.4	94.7	94.9	96.1	96.8	96.8	96.9	96.9	97.0	97.1
GE 400	60.6	62.1	80.5	80.5	91.7	92.4	94.9	95.1	95.3	96.6	97.2	97.3	97.4	97.4	97.6	97.7
GE 300	60.6	62.1	80.5	80.5	91.7	92.4	95.1	95.7	96.1	97.4	98.1	98.2	98.3	98.3	98.6	98.7
GE 200	60.6	62.1	80.5	80.5	91.7	92.4	95.1	95.7	96.2	97.6	98.2	98.3	98.4	98.4	98.7	99.3
GE 100	60.6	62.1	80.5	80.5	91.7	92.4	95.1	95.7	96.2	97.6	98.2	98.3	98.4	98.7	99.0	100.0
GE 000	60.6	62.1	80.5	80.5	91.7	92.4	95.1	95.7	96.2	97.6	98.2	98.3	98.4	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	42.3	43.8	59.9	59.9	72.2	72.9	75.1	75.7	75.7	76.6	76.9	77.1	77.7	77.7	77.9	78.4
GE 4500	42.4	43.9	60.0	60.0	72.3	73.0	75.3	75.9	75.9	76.8	77.1	77.3	77.9	77.9	78.1	78.7
GE 4000	43.8	45.2	62.9	62.9	75.7	76.3	78.7	79.2	79.2	80.1	80.4	80.7	81.2	81.2	81.4	82.0
GE 3500	44.2	45.7	63.8	63.8	77.0	77.7	80.0	80.6	80.6	81.4	81.8	82.0	82.6	82.6	82.8	83.3
GE 3000	45.8	47.2	66.7	66.7	81.1	81.8	84.2	84.8	84.8	85.7	86.0	86.2	86.8	86.8	87.0	87.6
GE 2500	46.4	47.9	67.7	67.7	82.2	82.9	85.4	86.0	86.0	86.9	87.2	87.4	88.0	88.0	88.2	88.8
GE 2000	46.7	48.1	68.2	68.2	83.6	84.2	87.0	87.6	87.6	88.4	88.8	89.0	89.6	89.6	89.8	90.3
GE 1800	46.7	48.1	68.2	68.2	83.6	84.2	87.1	87.7	87.7	88.6	88.9	89.1	89.7	89.7	89.9	90.4
GE 1500	47.0	48.4	68.6	68.6	83.9	84.7	87.8	88.6	88.6	89.4	89.9	90.1	90.7	90.7	90.9	91.4
GE 1200	47.0	48.4	68.7	68.7	84.0	84.8	87.9	88.7	88.7	89.6	90.0	90.2	90.8	90.8	91.0	91.6
GE 1000	47.0	48.4	68.7	68.7	84.6	85.4	88.7	89.4	89.4	90.3	90.8	91.0	91.6	91.6	91.8	92.3
GE 900	47.1	48.6	68.8	68.8	84.7	85.6	88.8	89.6	89.6	90.4	90.9	91.1	91.7	91.7	91.9	92.4
GE 800	47.1	48.6	68.8	68.8	84.8	85.7	88.9	89.7	89.7	90.8	91.2	91.4	92.0	92.0	92.2	92.8
GE 700	47.2	48.7	68.9	68.9	85.2	86.1	89.3	90.4	90.4	91.7	92.2	92.4	93.0	93.0	93.2	93.8
GE 600	47.2	48.7	69.1	69.1	85.6	86.4	89.7	90.8	90.8	92.0	92.6	92.8	93.3	93.3	93.6	94.1
GE 500	47.2	48.7	69.1	69.1	85.9	86.8	90.2	91.6	91.7	92.9	93.6	93.8	94.3	94.3	94.6	95.1
GE 400	47.2	48.7	69.1	69.1	85.9	87.1	90.9	92.3	92.4	93.9	94.6	94.8	95.6	95.6	95.8	96.4
GE 300	47.2	48.7	69.1	69.1	86.1	87.3	91.3	92.8	92.9	94.8	95.6	95.8	96.7	96.7	97.1	97.8
GE 200	47.2	48.7	69.1	69.1	86.2	87.4	91.4	92.9	93.3	95.2	96.0	96.2	97.2	97.2	98.0	99.0
GE 100	47.2	48.7	69.1	69.1	86.2	87.4	91.4	92.9	93.3	95.2	96.0	96.2	97.2	97.3	98.6	100.0
GE 000	47.2	48.7	69.1	69.1	86.2	87.4	91.4	92.9	93.3	95.2	96.0	96.2	97.2	97.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	34.7	35.1	48.4	48.4	62.1	64.7	68.1	69.8	70.1	71.7	72.8	73.2	73.9	74.5	75.1	76.9
GE 4500	34.9	35.3	48.7	48.7	62.8	65.4	68.9	70.6	70.9	72.5	73.6	74.0	74.7	75.3	75.9	77.7
GE 4000	35.5	35.9	49.9	49.9	65.1	67.9	71.6	73.2	73.6	75.1	76.3	76.7	77.4	77.9	78.6	80.4
GE 3500	36.3	36.8	51.1	51.1	66.7	69.5	73.4	75.0	75.4	76.9	78.0	78.5	79.2	79.7	80.4	82.2
GE 3000	37.6	38.0	52.7	52.7	70.3	73.2	77.9	79.8	80.3	82.1	83.2	83.6	84.3	84.8	85.5	87.3
GE 2500	37.9	38.4	53.2	53.2	70.9	73.8	78.5	80.4	80.8	82.6	83.7	84.2	84.8	85.4	86.1	87.8
GE 2000	38.1	38.6	53.6	53.6	72.2	75.1	79.9	81.8	82.3	84.1	85.2	85.6	86.3	86.8	87.5	89.3
GE 1800	38.2	38.7	53.7	53.7	72.4	75.3	80.0	81.9	82.4	84.2	85.3	85.7	86.4	87.0	87.6	89.4
GE 1500	38.7	39.1	54.4	54.4	73.1	76.0	81.4	83.3	83.7	85.5	86.6	87.1	87.7	88.3	89.0	90.7
GE 1200	38.7	39.1	54.4	54.4	73.5	76.4	81.7	83.6	84.1	86.1	87.2	87.6	88.3	88.9	89.5	91.3
GE 1000	38.9	39.4	55.0	55.0	74.4	77.3	82.7	84.7	85.2	87.4	88.5	89.0	89.6	90.2	90.9	92.6
GE 900	38.9	39.4	55.1	55.1	74.5	77.4	82.8	84.8	85.3	87.5	88.6	89.1	89.7	90.3	91.0	92.8
GE 800	38.9	39.4	55.1	55.1	74.5	77.4	82.8	84.8	85.4	87.8	89.0	89.4	90.1	90.6	91.3	93.1
GE 700	39.1	39.6	55.3	55.3	74.8	77.9	83.6	85.7	86.3	88.7	89.9	90.3	91.0	91.5	92.2	94.0
GE 600	39.1	39.6	55.3	55.3	74.8	77.9	83.6	85.8	86.4	89.1	90.2	90.6	91.3	91.9	92.5	94.3
GE 500	39.1	39.6	55.3	55.3	75.1	78.3	84.2	86.5	87.1	89.7	90.9	91.3	92.0	92.5	93.2	95.0
GE 400	39.1	39.6	55.3	55.3	75.1	78.3	84.3	86.8	87.6	90.5	91.6	92.1	93.0	93.6	94.4	96.2
GE 300	39.1	39.6	55.3	55.3	75.1	78.3	84.3	86.8	87.6	90.5	91.8	92.3	93.6	94.4	95.2	97.1
GE 200	39.1	39.6	55.3	55.3	75.1	78.3	84.3	87.0	87.8	90.7	92.2	92.8	94.3	95.1	96.1	98.4
GE 100	39.1	39.6	55.3	55.3	75.1	78.3	84.3	87.0	87.8	90.7	92.2	92.8	94.3	95.4	96.9	99.7
GE 000	39.1	39.6	55.3	55.3	75.1	78.3	84.3	87.0	87.8	90.7	92.2	92.8	94.3	95.4	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PIYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	44.0	44.5	60.0	60.0	72.7	75.1	78.0	78.7	78.7	79.3	79.3	79.3	79.4	79.4	79.6	79.7
GE 4500	44.0	44.5	60.1	60.1	73.3	75.6	78.5	79.3	79.3	79.8	79.8	79.8	80.0	80.0	80.2	80.3
GE 4000	44.3	45.0	61.2	61.2	75.2	77.6	80.6	81.4	81.4	82.0	82.0	82.0	82.1	82.1	82.3	82.4
GE 3500	44.7	45.4	61.9	61.9	76.5	79.0	82.1	83.0	83.0	83.5	83.5	83.5	83.6	83.6	83.9	84.0
GE 3000	46.1	46.9	63.8	63.8	79.4	82.2	85.5	86.5	86.6	87.5	87.6	87.6	87.8	87.8	88.0	88.1
GE 2500	46.7	47.4	64.6	64.6	80.6	83.5	87.0	88.0	88.1	89.0	89.1	89.1	89.2	89.2	89.4	89.5
GE 2000	47.4	48.2	65.7	65.7	82.4	85.5	89.1	90.2	90.3	91.3	91.4	91.4	91.5	91.5	91.8	91.9
GE 1800	47.4	48.2	65.7	65.7	82.4	85.5	89.1	90.2	90.3	91.3	91.4	91.4	91.5	91.5	91.8	91.9
GE 1500	47.9	48.7	66.6	66.6	83.5	87.0	90.6	91.8	91.9	92.9	93.0	93.0	93.1	93.1	93.3	93.4
GE 1200	47.9	48.7	66.7	66.7	84.2	87.9	91.5	92.8	92.9	94.0	94.1	94.1	94.2	94.2	94.4	94.5
GE 1000	48.0	48.9	67.0	67.0	84.7	88.5	92.2	93.8	93.9	95.0	95.1	95.1	95.2	95.2	95.4	95.5
GE 900	48.0	48.9	67.0	67.0	84.7	88.6	92.4	94.0	94.1	95.3	95.4	95.4	95.5	95.5	95.8	95.9
GE 800	48.0	48.9	67.0	67.0	84.7	88.6	92.4	94.0	94.1	95.5	95.7	95.7	95.8	95.8	96.0	96.1
GE 700	48.0	48.9	67.3	67.3	85.2	89.1	92.9	94.4	94.5	96.0	96.1	96.1	96.2	96.2	96.4	96.5
GE 600	48.0	48.9	67.5	67.5	85.5	89.5	93.3	94.9	95.1	96.5	96.7	96.7	96.8	96.8	97.0	97.1
GE 500	48.1	49.0	67.6	67.6	85.9	89.9	93.8	95.4	95.7	97.2	97.3	97.3	97.4	97.4	97.8	97.9
GE 400	48.1	49.0	67.6	67.6	85.9	89.9	94.0	95.7	95.9	97.4	97.6	97.7	98.0	98.0	98.3	98.4
GE 300	48.1	49.0	67.6	67.6	85.9	89.9	94.0	95.7	96.1	98.2	98.4	98.6	98.9	98.9	99.2	99.3
GE 200	48.1	49.0	67.6	67.6	85.9	89.9	94.0	95.7	96.1	98.2	98.4	98.6	98.9	98.9	99.3	99.6
GE 100	48.1	49.0	67.6	67.6	85.9	89.9	94.0	95.7	96.1	98.2	98.4	98.6	98.9	99.2	99.8	100.0
GE 000	48.1	49.0	67.6	67.6	85.9	89.9	94.0	95.7	96.1	98.2	98.4	98.6	98.9	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270      STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K      PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9      MONTH: APR      HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	61.6	64.7	74.9	74.9	83.0	83.3	84.3	84.6	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	62.1	65.3	75.8	75.8	83.9	84.2	85.2	85.4	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	63.2	66.7	77.3	77.3	85.7	86.0	87.1	87.3	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	63.7	67.1	78.3	78.3	86.8	87.1	88.2	88.4	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	65.1	68.8	80.9	80.9	90.4	90.8	92.1	92.6	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	65.7	69.3	81.8	81.8	91.4	91.8	93.1	93.6	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	66.2	69.9	82.4	82.4	92.4	92.9	94.3	95.0	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	66.2	69.9	82.4	82.4	92.4	92.9	94.3	95.0	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	67.4	71.1	83.9	83.9	94.1	94.7	96.2	96.9	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	67.4	71.1	84.2	84.2	94.7	95.2	96.8	97.4	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	67.4	71.1	84.3	84.3	94.9	95.6	97.2	97.9	97.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	67.4	71.1	84.4	84.4	95.1	95.9	97.6	98.2	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	67.4	71.1	84.4	84.4	95.1	95.9	97.6	98.2	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	67.4	71.1	84.4	84.4	95.2	96.0	97.7	98.3	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	67.4	71.1	84.6	84.6	95.6	96.3	98.1	98.8	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	67.4	71.1	84.6	84.6	95.8	96.6	98.3	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	67.4	71.1	84.6	84.6	95.8	96.6	98.3	99.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	67.4	71.1	84.6	84.6	95.8	96.6	98.3	99.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.4	71.1	84.6	84.6	95.8	96.6	98.3	99.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.4	71.1	84.6	84.6	95.8	96.6	98.3	99.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.4	71.1	84.6	84.6	95.8	96.6	98.3	99.0	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS      900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 15-17

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	67.6	70.0	77.9	77.9	83.4	83.8	84.4	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	68.0	70.3	78.3	78.3	83.9	84.2	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4000	69.5	72.0	80.0	80.0	85.7	86.0	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	70.9	73.3	81.5	81.5	87.8	88.1	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	73.1	75.8	84.3	84.3	91.4	91.8	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	73.4	76.1	85.1	85.1	92.3	92.7	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 2000	73.6	76.3	86.0	86.0	93.9	94.7	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6
GE 1800	73.6	76.3	86.0	86.0	93.9	94.7	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6
GE 1500	74.4	77.1	87.0	87.0	95.0	95.8	97.0	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 1200	74.4	77.1	87.2	87.2	95.3	96.1	97.3	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 1000	74.4	77.1	87.3	87.3	95.6	96.3	97.6	98.2	98.2	98.8	98.9	98.9	98.9	98.9	98.9	99.0
GE 900	74.4	77.1	87.4	87.4	95.7	96.4	97.7	98.3	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.1
GE 800	74.4	77.1	87.4	87.4	95.7	96.4	97.7	98.3	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.1
GE 700	74.4	77.1	87.4	87.4	95.8	96.6	97.8	98.4	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.2
GE 600	74.4	77.1	87.4	87.4	95.8	96.6	98.0	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.4
GE 500	74.4	77.1	87.4	87.4	95.9	96.7	98.1	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.7
GE 400	74.4	77.1	87.4	87.4	95.9	96.7	98.1	98.9	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	74.4	77.1	87.4	87.4	95.9	96.7	98.2	99.0	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	74.4	77.1	87.4	87.4	95.9	96.7	98.2	99.0	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	74.4	77.1	87.4	87.4	95.9	96.7	98.2	99.0	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	74.4	77.1	87.4	87.4	95.9	96.7	98.2	99.0	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 18-20

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	66.4	68.1	79.6	79.6	83.9	84.3	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	66.6	68.2	79.8	79.8	84.1	84.6	86.1	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	68.0	69.7	81.3	81.3	86.0	86.4	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	68.4	70.2	81.9	81.9	86.7	87.1	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	70.2	72.0	84.4	84.4	89.9	90.3	92.0	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500	71.0	72.8	85.3	85.3	91.1	91.6	93.2	93.6	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	71.2	73.0	85.7	85.7	92.0	92.8	94.8	95.2	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	71.2	73.0	85.7	85.7	92.0	92.8	94.8	95.2	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	71.3	73.1	86.1	86.1	93.2	94.0	96.0	96.4	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	71.3	73.1	86.1	86.1	93.2	94.0	96.1	96.7	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	71.4	73.2	86.2	86.2	93.6	94.3	96.8	97.4	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	71.4	73.2	86.2	86.2	93.6	94.3	96.8	97.4	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	71.4	73.2	86.6	86.6	94.1	94.9	97.3	98.0	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	71.4	73.2	86.6	86.6	94.1	94.9	97.4	98.1	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	71.4	73.2	86.6	86.6	94.1	94.9	97.4	98.1	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	71.4	73.2	86.6	86.6	94.2	95.0	97.8	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	71.4	73.2	86.6	86.6	94.2	95.0	97.8	98.4	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.7
GE 300	71.4	73.2	86.6	86.6	94.2	95.0	97.8	98.4	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.7
GE 200	71.4	73.2	86.6	86.6	94.2	95.0	97.8	98.4	98.6	99.2	99.4	99.4	99.4	99.6	99.6	99.8
GE 100	71.4	73.2	86.6	86.6	94.2	95.0	97.8	98.4	98.6	99.2	99.4	99.4	99.4	99.6	99.6	100.0
GE 000	71.4	73.2	86.6	86.6	94.2	95.0	97.8	98.4	98.6	99.2	99.4	99.4	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: APR HOURS: 21-23

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
-----																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	65.4	66.9	77.6	77.6	83.5	84.2	84.6	85.2	85.2	85.7	86.0	86.0	86.1	86.2	86.2	86.2
GE 4500	65.5	67.0	78.0	78.0	84.1	84.8	85.2	85.8	85.8	86.2	86.5	86.5	86.7	86.8	86.8	86.8
GE 4000	66.6	68.2	79.6	79.6	85.9	86.5	87.0	87.5	87.5	88.0	88.3	88.3	88.4	88.5	88.5	88.5
GE 3500	66.7	68.4	80.1	80.1	86.7	87.3	87.8	88.3	88.3	88.8	89.1	89.1	89.2	89.3	89.3	89.5
GE 3000	68.3	70.0	82.2	82.2	89.8	90.5	91.3	91.9	91.9	92.3	92.7	92.7	92.8	92.9	92.9	93.1
GE 2500	68.7	70.4	82.6	82.6	90.7	91.4	92.2	92.8	92.8	93.2	93.5	93.5	93.7	93.8	93.8	94.0
GE 2000	69.1	70.7	83.0	83.0	91.4	92.3	93.7	94.2	94.2	94.9	95.3	95.3	95.4	95.6	95.6	95.8
GE 1800	69.1	70.7	83.0	83.0	91.4	92.3	93.7	94.2	94.2	94.9	95.3	95.3	95.4	95.6	95.6	95.8
GE 1500	69.4	71.1	83.5	83.5	92.2	93.1	94.7	95.2	95.2	95.9	96.3	96.3	96.4	96.6	96.6	96.8
GE 1200	69.4	71.1	83.8	83.8	92.5	93.4	95.1	95.7	95.7	96.6	97.0	97.0	97.1	97.2	97.2	97.4
GE 1000	69.4	71.1	83.9	83.9	92.7	93.5	95.3	95.9	95.9	96.9	97.3	97.3	97.4	97.6	97.6	97.8
GE 900	69.4	71.1	83.9	83.9	92.7	93.5	95.3	95.9	95.9	96.9	97.3	97.3	97.4	97.6	97.6	97.8
GE 800	69.5	71.2	84.2	84.2	93.0	93.9	95.7	96.2	96.2	97.2	97.7	97.7	97.8	97.9	97.9	98.1
GE 700	69.5	71.2	84.2	84.2	93.0	93.9	95.7	96.2	96.2	97.2	97.7	97.7	97.8	97.9	97.9	98.1
GE 600	69.5	71.2	84.2	84.2	93.0	93.9	95.7	96.2	96.2	97.2	97.7	97.7	97.8	97.9	97.9	98.1
GE 500	69.5	71.2	84.3	84.3	93.7	94.5	96.3	96.9	96.9	97.9	98.3	98.3	98.4	98.6	98.6	98.8
GE 400	69.5	71.2	84.3	84.3	93.7	94.5	96.3	96.9	96.9	97.9	98.4	98.7	98.8	98.9	98.9	99.1
GE 300	69.5	71.2	84.3	84.3	93.7	94.5	96.3	96.9	97.1	98.1	98.8	99.0	99.1	99.2	99.2	99.4
GE 200	69.5	71.2	84.3	84.3	93.7	94.5	96.3	96.9	97.1	98.1	98.8	99.0	99.1	99.2	99.2	99.6
GE 100	69.5	71.2	84.3	84.3	93.7	94.5	96.3	96.9	97.1	98.1	98.8	99.2	99.3	99.6	99.6	100.0
GE 000	69.5	71.2	84.3	84.3	93.7	94.5	96.3	96.9	97.1	98.1	98.8	99.2	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL.																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	54.7	56.2	68.7	68.7	77.5	78.5	80.2	80.7	80.8	81.3	81.6	81.7	81.9	82.0	82.2	82.5
GE 4500	54.9	56.5	69.1	69.1	78.1	79.1	80.8	81.3	81.4	81.9	82.2	82.3	82.5	82.6	82.8	83.1
GE 4000	56.0	57.6	70.8	70.8	80.3	81.2	83.0	83.6	83.7	84.2	84.5	84.6	84.8	84.9	85.0	85.3
GE 3500	56.6	58.3	71.8	71.8	81.6	82.5	84.4	84.9	85.0	85.5	85.8	85.9	86.1	86.2	86.4	86.7
GE 3000	58.2	60.0	74.2	74.2	85.0	86.1	88.1	88.8	88.9	89.5	89.8	89.9	90.1	90.2	90.4	90.7
GE 2500	58.7	60.5	74.9	74.9	86.0	87.0	89.2	89.8	89.9	90.6	90.9	91.0	91.2	91.3	91.4	91.8
GE 2000	59.1	60.8	75.5	75.5	87.1	88.3	90.7	91.4	91.5	92.2	92.5	92.6	92.8	92.9	93.1	93.4
GE 1800	59.1	60.8	75.5	75.5	87.1	88.4	90.7	91.5	91.6	92.3	92.6	92.7	92.9	93.0	93.1	93.5
GE 1500	59.6	61.3	76.2	76.2	88.1	89.4	91.9	92.7	92.8	93.5	93.9	94.0	94.2	94.3	94.4	94.8
GE 1200	59.6	61.3	76.3	76.3	88.3	89.7	92.3	93.1	93.2	94.1	94.4	94.5	94.7	94.8	94.9	95.3
GE 1000	59.6	61.4	76.5	76.5	88.8	90.2	92.8	93.7	93.8	94.8	95.2	95.2	95.4	95.5	95.7	96.0
GE 900	59.7	61.4	76.6	76.6	88.9	90.3	93.0	93.9	94.0	95.0	95.3	95.4	95.6	95.7	95.8	96.2
GE 800	59.7	61.4	76.7	76.7	89.0	90.4	93.1	94.0	94.1	95.2	95.6	95.7	95.9	96.0	96.1	96.5
GE 700	59.7	61.5	76.8	76.8	89.3	90.7	93.5	94.4	94.5	95.7	96.1	96.2	96.4	96.5	96.6	97.0
GE 600	59.7	61.5	76.9	76.9	89.4	90.9	93.7	94.7	94.8	96.0	96.4	96.5	96.7	96.7	96.9	97.3
GE 500	59.7	61.5	76.9	76.9	89.8	91.2	94.1	95.2	95.3	96.5	96.9	97.0	97.2	97.3	97.5	97.8
GE 400	59.7	61.5	76.9	76.9	89.8	91.3	94.3	95.4	95.6	96.9	97.3	97.5	97.7	97.8	98.0	98.4
GE 300	59.7	61.5	76.9	76.9	89.8	91.3	94.4	95.5	95.8	97.2	97.7	97.9	98.2	98.4	98.6	99.0
GE 200	59.7	61.5	76.9	76.9	89.8	91.4	94.4	95.6	95.9	97.3	97.9	98.0	98.4	98.5	98.8	99.5
GE 100	59.7	61.5	76.9	76.9	89.8	91.4	94.4	95.6	95.9	97.3	97.9	98.1	98.4	98.7	99.2	100.0
GE 000	59.7	61.5	76.9	76.9	89.8	91.4	94.4	95.6	95.9	97.3	97.9	98.1	98.4	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7192

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	54.7	56.0	67.8	67.8	77.4	78.8	79.3	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	55.3	56.6	68.5	68.5	78.1	79.5	80.1	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	56.6	57.9	70.0	70.0	79.8	81.3	81.8	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	57.5	58.8	71.4	71.4	82.0	83.4	84.1	84.2	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	58.6	59.9	73.4	73.4	85.2	86.6	87.3	87.4	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 2500	59.1	60.5	74.5	74.5	86.5	87.9	88.6	88.7	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	59.7	61.1	75.5	75.5	88.0	89.4	90.1	90.2	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 1800	59.7	61.1	75.5	75.5	88.0	89.4	90.1	90.2	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	60.1	61.5	76.0	76.0	88.9	90.4	91.2	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	60.6	62.0	76.8	76.8	90.2	91.7	92.5	92.6	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2
GE 1000	60.8	62.2	77.2	77.2	90.6	92.5	93.4	93.5	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2
GE 900	60.8	62.2	77.2	77.2	90.7	92.6	93.5	93.6	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 800	60.9	62.3	77.4	77.4	90.9	92.8	93.8	93.9	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 700	60.9	62.3	77.6	77.6	91.3	93.2	94.2	94.3	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9
GE 600	60.9	62.3	77.6	77.6	91.4	93.3	94.6	94.8	95.2	95.3	95.6	95.6	95.7	95.7	95.7	95.7
GE 500	60.9	62.3	77.7	77.7	92.0	94.7	96.2	96.6	96.9	97.0	97.3	97.3	97.4	97.4	97.4	97.4
GE 400	60.9	62.3	77.7	77.7	92.5	95.2	96.7	97.1	97.4	97.5	97.8	97.8	98.1	98.1	98.2	98.3
GE 300	60.9	62.3	77.7	77.7	92.5	95.2	96.7	97.5	97.8	98.1	98.4	98.4	98.7	98.7	98.9	99.0
GE 200	60.9	62.3	77.7	77.7	92.5	95.2	96.7	97.5	97.8	98.2	98.5	98.5	98.8	98.8	99.0	99.7
GE 100	60.9	62.3	77.7	77.7	92.5	95.2	96.7	97.5	97.8	98.2	98.5	98.5	98.8	98.8	99.0	100.0
GE 000	60.9	62.3	77.7	77.7	92.5	95.2	96.7	97.5	97.8	98.2	98.5	98.5	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	34.3	35.0	51.1	51.1	65.4	67.5	69.9	70.3	70.4	70.8	71.1	71.1	71.8	71.8	71.9	72.1
GE 4500	35.1	36.0	52.0	52.0	66.4	68.4	70.9	71.2	71.3	71.8	72.1	72.1	72.7	72.7	72.8	73.1
GE 4000	35.7	36.5	53.0	53.0	68.2	70.3	72.7	73.1	73.2	73.6	73.9	73.9	74.6	74.6	74.7	74.9
GE 3500	36.4	37.3	54.7	54.7	70.0	72.2	74.7	75.0	75.1	75.5	75.9	75.9	76.5	76.5	76.6	76.8
GE 3000	38.9	39.9	57.8	57.8	74.6	76.8	79.8	80.2	80.3	80.7	81.1	81.1	81.8	81.9	82.1	82.4
GE 2500	40.1	41.1	59.3	59.3	76.2	78.7	81.8	82.1	82.2	82.7	83.1	83.1	83.7	83.8	84.1	84.4
GE 2000	40.6	41.6	60.2	60.2	77.9	80.5	83.7	84.3	84.4	84.8	85.2	85.2	85.9	86.0	86.2	86.5
GE 1800	40.8	41.8	60.5	60.5	78.2	80.8	84.1	84.6	84.7	85.1	85.6	85.6	86.2	86.3	86.5	86.9
GE 1500	42.0	43.0	61.9	61.9	79.7	82.3	85.9	86.5	86.6	87.3	87.7	87.7	88.4	88.5	88.7	89.0
GE 1200	42.6	43.5	62.4	62.4	80.6	83.3	86.9	87.5	87.6	88.3	88.7	88.7	89.3	89.4	89.7	90.0
GE 1000	43.0	44.0	62.9	62.9	81.1	83.9	87.7	88.6	88.7	89.5	90.0	90.0	90.6	90.7	90.9	91.3
GE 900	43.0	44.0	63.0	63.0	81.3	84.4	88.3	89.1	89.2	90.1	90.5	90.5	91.2	91.3	91.5	91.8
GE 800	43.1	44.1	63.1	63.1	81.6	84.7	89.0	89.9	90.0	90.8	91.3	91.3	91.9	92.0	92.5	92.8
GE 700	43.3	44.3	63.5	63.5	82.0	85.1	89.4	90.3	90.4	91.3	91.7	91.7	92.3	92.5	92.9	93.2
GE 600	43.3	44.3	63.5	63.5	82.3	85.5	90.4	91.3	91.4	92.5	93.0	93.0	93.6	93.8	94.2	94.5
GE 500	43.3	44.3	63.5	63.5	82.7	86.1	91.4	92.7	92.8	93.9	94.4	94.4	95.0	95.2	95.6	96.2
GE 400	43.3	44.3	63.6	63.6	83.1	86.5	91.9	93.4	93.5	94.8	95.5	95.6	96.2	96.4	96.9	97.5
GE 300	43.3	44.3	63.7	63.7	83.2	86.6	92.2	94.1	94.2	95.5	96.1	96.3	97.1	97.3	97.7	98.4
GE 200	43.3	44.3	63.7	63.7	83.2	86.6	92.2	94.1	94.2	95.7	96.3	96.6	97.4	97.6	98.1	99.2
GE 100	43.3	44.3	63.7	63.7	83.2	86.6	92.2	94.1	94.2	95.7	96.3	96.6	97.4	97.6	98.1	99.8
GE 000	43.3	44.3	63.7	63.7	83.2	86.6	92.2	94.1	94.2	95.7	96.3	96.6	97.4	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	27.7	28.0	43.6	43.6	57.2	59.8	62.5	64.4	64.9	66.3	67.0	67.0	67.2	67.4	67.9	68.2
GE 4500	27.9	28.2	43.9	43.9	57.5	60.2	62.9	64.7	65.2	66.6	67.3	67.3	67.5	67.7	68.2	68.6
GE 4000	28.7	29.1	46.2	46.2	60.3	63.2	65.9	67.8	68.4	69.8	70.4	70.4	70.6	70.8	71.4	71.7
GE 3500	29.5	29.9	47.3	47.3	61.7	64.9	67.7	69.6	70.2	71.6	72.2	72.2	72.4	72.7	73.2	73.5
GE 3000	31.0	31.5	50.2	50.2	66.0	69.4	72.4	74.7	75.3	76.7	77.4	77.4	77.6	77.8	78.4	78.7
GE 2500	32.0	32.6	51.6	51.6	68.2	71.7	74.8	77.3	77.9	79.3	80.0	80.0	80.2	80.4	80.9	81.3
GE 2000	32.7	33.5	52.6	52.6	70.1	74.0	77.3	79.8	80.4	81.8	82.6	82.6	82.8	83.0	83.5	83.9
GE 1800	33.0	33.8	53.0	53.0	70.6	74.5	77.8	80.3	80.9	82.5	83.2	83.2	83.4	83.6	84.2	84.5
GE 1500	33.2	33.9	53.1	53.1	71.8	75.8	79.5	82.2	82.9	84.7	85.5	85.5	85.8	86.0	86.5	86.9
GE 1200	34.0	34.8	54.4	54.4	73.5	77.5	81.7	84.4	85.0	87.0	87.7	87.7	88.1	88.3	88.8	89.1
GE 1000	34.2	35.0	54.7	54.7	74.0	77.9	82.8	85.5	86.1	88.1	88.8	88.8	89.1	89.3	89.9	90.2
GE 900	34.3	35.1	54.8	54.8	74.2	78.1	83.0	85.7	86.3	88.3	89.1	89.1	89.5	89.7	90.2	90.5
GE 800	34.9	35.6	55.3	55.3	74.8	78.9	84.0	87.0	87.7	89.8	90.6	90.6	91.0	91.2	91.7	92.0
GE 700	34.9	35.6	55.3	55.3	74.9	79.0	84.4	87.6	88.4	90.6	91.5	91.5	91.8	92.0	92.6	92.9
GE 600	34.9	35.6	55.3	55.3	74.9	79.0	84.5	88.1	88.8	91.2	92.1	92.1	92.6	92.9	93.8	94.1
GE 500	34.9	35.6	55.4	55.4	75.2	79.3	84.8	88.4	89.2	91.8	93.0	93.1	93.8	94.2	95.0	95.6
GE 400	34.9	35.6	55.4	55.4	75.3	79.4	85.0	88.8	89.8	92.5	93.8	93.9	94.5	94.9	95.9	96.4
GE 300	34.9	35.6	55.4	55.4	75.3	79.4	85.0	88.8	89.9	92.8	94.1	94.2	94.9	95.4	96.3	97.4
GE 200	34.9	35.6	55.4	55.4	75.3	79.4	85.0	88.8	89.9	93.0	94.7	94.8	95.6	96.0	97.6	98.9
GE 100	34.9	35.6	55.4	55.4	75.3	79.4	85.0	88.8	89.9	93.0	94.7	94.8	95.6	96.0	97.8	99.9
GE 000	34.9	35.6	55.4	55.4	75.3	79.4	85.0	88.8	89.9	93.0	94.7	94.8	95.6	96.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: MAY HOURS: 09-11

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	41.4	42.3	56.5	56.5	69.5	71.0	73.5	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	41.4	42.3	56.5	56.5	69.5	71.0	73.6	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	42.5	43.9	58.7	58.7	72.1	73.6	76.2	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	42.9	44.3	59.7	59.7	73.5	75.1	77.8	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	45.6	47.1	63.8	63.8	78.8	80.6	83.5	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	46.2	47.7	64.9	64.9	80.2	82.0	84.9	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	47.0	48.6	66.3	66.3	83.1	85.2	88.3	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	47.2	48.8	66.5	66.5	83.3	85.5	88.5	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	47.5	49.2	67.5	67.5	85.5	87.7	91.1	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	48.0	49.7	68.2	68.2	86.5	88.8	92.2	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	48.1	49.8	68.5	68.5	87.5	89.9	94.1	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	48.1	49.8	68.5	68.5	87.5	89.9	94.2	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	48.3	50.0	68.9	68.9	87.8	90.2	94.6	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	48.3	50.0	68.9	68.9	88.0	90.6	95.3	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	48.3	50.0	68.9	68.9	88.4	90.9	95.8	97.2	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	48.3	50.0	68.9	68.9	88.5	91.2	96.1	97.6	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	48.3	50.0	68.9	68.9	88.6	91.3	96.2	98.1	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	48.3	50.0	68.9	68.9	88.6	91.3	96.2	98.1	98.3	98.9	99.4	99.5	99.6	99.6	99.8	99.8
GE 200	48.3	50.0	68.9	68.9	88.6	91.3	96.2	98.1	98.3	98.9	99.4	99.5	99.6	99.7	100.0	100.0
GE 100	48.3	50.0	68.9	68.9	88.6	91.3	96.2	98.1	98.3	98.9	99.4	99.5	99.6	99.7	100.0	100.0
GE 000	48.3	50.0	68.9	68.9	88.6	91.3	96.2	98.1	98.3	98.9	99.4	99.5	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 12-14

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	58.4	60.6	73.7	73.7	81.3	81.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500	58.7	61.0	74.0	74.0	81.6	82.3	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	60.0	62.3	75.3	75.3	83.3	84.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500	60.8	63.2	76.6	76.6	84.7	85.4	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	63.3	65.8	80.0	80.0	89.7	90.5	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	63.7	76.1	80.3	80.3	90.1	91.2	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	64.1	66.6	81.1	81.1	91.6	92.7	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	64.1	66.6	81.1	81.1	91.6	92.7	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	64.4	66.9	81.6	81.6	92.7	93.8	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	64.7	67.2	82.2	82.2	93.2	94.3	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	64.7	67.2	82.5	82.5	94.0	95.1	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	64.8	67.3	82.6	82.6	94.1	95.2	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	64.9	67.4	82.7	82.7	94.3	95.4	97.2	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	64.9	67.4	82.7	82.7	94.7	95.8	97.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	64.9	67.4	82.8	82.8	95.3	96.3	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	64.9	67.4	82.9	82.9	95.4	96.6	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	64.9	67.4	82.9	82.9	95.4	96.8	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	64.9	67.4	82.9	82.9	95.4	96.8	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.9	67.4	82.9	82.9	95.4	96.8	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.9	67.4	82.9	82.9	95.4	96.8	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	64.9	67.4	82.9	82.9	95.4	96.8	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90

MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	67.5	69.5	79.2	79.2	83.5	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	67.7	69.7	79.5	79.5	83.8	84.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	70.1	72.2	82.3	82.3	86.7	87.2	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3500	70.6	72.7	83.0	83.0	87.7	88.3	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	72.5	74.5	85.6	85.6	91.0	91.6	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	72.9	74.9	86.1	86.1	91.8	92.5	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	73.4	75.6	87.3	87.3	93.9	94.5	95.4	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	73.4	75.6	87.3	87.3	93.9	94.5	95.4	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	74.0	76.1	88.2	88.2	94.8	95.5	96.3	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	74.1	76.2	88.5	88.5	95.4	96.0	97.0	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	74.4	76.6	88.8	88.8	96.0	97.0	98.2	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	74.4	76.6	88.8	88.8	96.0	97.0	98.2	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	74.5	76.7	89.0	89.0	96.6	97.5	98.8	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	74.5	76.7	89.0	89.0	96.6	97.6	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	74.5	76.7	89.0	89.0	96.7	98.0	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	74.5	76.7	89.0	89.0	96.7	98.0	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	74.5	76.7	89.0	89.0	96.7	98.0	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.5	76.7	89.0	89.0	96.7	98.0	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.5	76.7	89.0	89.0	96.7	98.0	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.5	76.7	89.0	89.0	96.7	98.0	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.5	76.7	89.0	89.0	96.7	98.0	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 82  
LST TO UTC: - 9 MONTH: MAY HOURS: 19-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	68.5	69.9	79.8	79.8	85.1	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	68.5	69.9	79.8	79.8	85.1	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000	69.3	71.0	81.4	81.4	87.0	87.6	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3500	70.0	71.8	82.2	82.2	87.8	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	73.5	75.3	86.0	86.0	92.4	93.4	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	73.7	75.6	86.3	86.3	93.3	94.4	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	75.0	76.9	87.8	87.8	94.8	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	75.0	76.9	87.8	87.8	94.8	95.9	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	75.5	77.4	88.5	88.5	95.6	96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	75.6	77.5	88.7	88.7	95.8	96.9	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	75.7	77.6	89.0	89.0	96.6	97.8	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	75.7	77.6	89.0	89.0	96.6	97.8	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	75.8	77.7	89.1	89.1	96.7	98.0	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	75.8	77.7	89.1	89.1	96.7	98.0	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	75.8	77.7	89.1	89.1	97.0	98.3	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	75.8	77.7	89.1	89.1	97.0	98.3	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	75.8	77.7	89.1	89.1	97.0	98.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.8	77.7	89.1	89.1	97.0	98.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.8	77.7	89.1	89.1	97.0	98.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.8	77.7	89.1	89.1	97.0	98.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.8	77.7	89.1	89.1	97.0	98.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	62.4	64.0	75.5	75.5	81.2	82.6	83.5	83.8	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
GE 4500	62.4	64.0	75.5	75.5	81.3	82.7	83.6	83.9	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3
GE 4000	63.9	65.9	77.6	77.6	83.5	85.0	85.9	86.2	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5
GE 3500	64.5	66.7	78.3	78.3	84.4	86.1	86.9	87.3	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 3000	66.8	68.9	81.2	81.2	88.0	89.8	90.7	91.0	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
GE 2500	66.9	69.0	81.3	81.3	88.6	90.3	91.3	91.6	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 2000	67.0	69.1	82.0	82.0	89.5	91.3	92.2	92.6	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1800	67.0	69.1	82.0	82.0	89.5	91.3	92.2	92.6	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1500	67.5	69.7	82.7	82.7	90.4	92.1	93.5	93.9	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
GE 1200	67.5	69.7	83.1	83.1	91.0	93.1	94.5	94.8	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3
GE 1000	67.7	69.9	83.5	83.5	92.0	94.1	95.7	96.3	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 900	67.7	69.9	83.5	83.5	92.0	94.1	95.7	96.3	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 800	67.7	69.9	83.5	83.5	92.0	94.1	95.7	96.3	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 700	67.7	69.9	83.6	83.6	92.6	94.6	96.2	96.9	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 600	67.7	69.9	83.6	83.6	92.6	94.6	96.3	97.0	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 500	67.7	69.9	83.6	83.6	93.2	95.3	97.0	97.7	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 400	67.7	69.9	83.6	83.6	93.4	95.5	97.2	98.0	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 300	67.7	69.9	83.6	83.6	93.4	95.5	97.2	98.3	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.7
GE 200	67.7	69.9	83.6	83.6	93.4	95.5	97.2	98.3	99.0	99.2	99.4	99.4	99.9	99.9	99.9	100.0
GE 100	67.7	69.9	83.6	83.6	93.4	95.5	97.2	98.3	99.0	99.2	99.4	99.4	99.9	99.9	99.9	100.0
GE 000	67.7	69.9	83.6	83.6	93.4	95.5	97.2	98.3	99.0	99.2	99.4	99.4	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	51.9	53.2	65.9	65.9	75.1	76.4	77.8	78.3	78.4	78.7	78.8	78.8	78.9	78.9	79.0	79.1
GE 4500	52.1	53.5	66.2	66.2	75.4	76.8	78.2	78.7	78.8	79.0	79.2	79.2	79.3	79.3	79.4	79.5
GE 4000	53.3	54.8	68.1	68.1	77.6	79.0	80.4	80.9	81.1	81.3	81.5	81.5	81.6	81.6	81.7	81.8
GE 3500	54.0	55.6	69.2	69.2	79.0	80.5	82.0	82.5	82.7	82.9	83.1	83.1	83.2	83.2	83.3	83.4
GE 3000	56.3	57.9	72.2	72.2	83.2	84.9	86.5	87.1	87.3	87.5	87.7	87.7	87.8	87.8	87.9	88.0
GE 2500	56.8	58.4	73.0	73.0	84.4	86.1	87.8	88.4	88.6	88.9	89.0	89.0	89.1	89.2	89.3	89.4
GE 2000	57.5	59.1	74.1	74.1	86.1	87.9	89.7	90.4	90.6	90.9	91.0	91.0	91.2	91.2	91.3	91.4
GE 1800	57.5	59.2	74.2	74.2	86.3	88.1	89.9	90.6	90.7	91.0	91.2	91.2	91.3	91.4	91.5	91.5
GE 1500	58.0	59.7	74.9	74.9	87.4	89.3	91.3	92.0	92.2	92.6	92.8	92.8	92.9	92.9	93.0	93.1
GE 1200	58.4	60.1	75.5	75.5	88.3	90.2	92.3	93.0	93.2	93.6	93.8	93.8	93.9	94.0	94.1	94.2
GE 1000	58.6	60.3	75.9	75.9	89.0	91.0	93.4	94.3	94.5	94.9	95.1	95.1	95.3	95.3	95.4	95.5
GE 900	58.6	60.3	75.9	75.9	89.0	91.1	93.6	94.4	94.7	95.1	95.3	95.3	95.4	95.5	95.6	95.7
GE 800	58.8	60.5	76.1	76.1	89.3	91.4	94.0	94.9	95.2	95.6	95.8	95.8	96.0	96.0	96.1	96.2
GE 700	58.8	60.5	76.2	76.2	89.6	91.7	94.4	95.3	95.6	96.1	96.3	96.3	96.4	96.5	96.6	96.7
GE 600	58.8	60.5	76.2	76.2	89.8	92.0	94.8	95.8	96.1	96.6	96.9	96.9	97.1	97.1	97.3	97.4
GE 500	58.8	60.5	76.3	76.3	90.1	92.4	95.3	96.5	96.8	97.4	97.7	97.7	97.9	97.9	98.1	98.3
GE 400	58.8	60.5	76.3	76.3	90.2	92.6	95.6	96.8	97.1	97.8	98.1	98.2	98.4	98.5	98.6	98.8
GE 300	58.8	60.5	76.3	76.3	90.3	92.6	95.6	97.0	97.3	98.0	98.4	98.5	98.7	98.8	99.0	99.3
GE 200	58.8	60.5	76.3	76.3	90.3	92.6	95.6	97.0	97.4	98.1	98.5	98.6	98.9	99.0	99.3	99.7
GE 100	58.8	60.5	76.3	76.3	90.3	92.6	95.6	97.0	97.4	98.1	98.5	98.6	98.9	99.0	99.4	100.0
GE 000	58.8	60.5	76.3	76.3	90.3	92.6	95.6	97.0	97.4	98.1	98.5	98.6	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7429

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90

MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	43.1	44.2	62.7	62.7	73.0	74.6	76.8	77.1	77.4	77.9	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	43.3	44.4	63.2	63.2	73.7	75.2	77.4	77.8	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	43.9	45.0	65.0	65.0	76.3	77.9	80.2	80.6	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	44.0	45.1	65.1	65.1	77.2	79.0	81.7	82.0	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 3000	45.2	46.8	68.1	68.1	82.0	83.8	86.8	87.1	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 2500	45.3	46.9	68.4	68.4	82.7	84.4	87.8	88.1	88.4	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	45.6	47.1	68.9	68.9	83.2	85.1	88.8	89.1	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	45.6	47.1	68.9	68.9	83.2	85.1	88.8	89.1	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	46.7	48.3	71.0	71.0	85.7	87.8	91.8	92.1	92.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	46.8	48.6	71.4	71.4	86.7	88.8	93.1	93.4	93.9	94.3	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	47.3	49.1	72.1	72.1	87.8	89.9	94.4	94.8	95.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	47.6	49.3	72.6	72.6	88.2	90.3	95.2	95.6	96.0	96.4	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	47.6	49.3	72.6	72.6	88.2	90.3	95.4	95.8	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	47.6	49.3	72.6	72.6	88.2	90.3	95.4	95.9	96.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	47.6	49.3	72.7	72.7	88.3	90.4	95.6	96.0	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	47.6	49.3	72.7	72.7	88.3	90.4	95.8	96.2	96.7	97.3	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	47.6	49.3	72.7	72.7	88.7	90.9	96.2	96.8	97.2	98.1	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	47.6	49.3	72.7	72.7	88.7	90.9	96.3	96.9	97.3	98.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	47.6	49.3	72.7	72.7	88.7	90.9	96.3	96.9	97.4	98.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	47.6	49.3	72.7	72.7	88.7	91.0	96.4	97.0	97.6	98.4	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	47.6	49.3	72.7	72.7	88.7	91.0	96.4	97.0	97.6	98.4	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	26.7	27.3	43.7	43.7	60.4	63.9	67.9	69.8	70.2	71.2	71.5	71.5	71.7	71.7	72.2	72.7
GE 4500	26.7	27.3	44.1	44.1	60.9	64.7	68.8	70.7	71.0	72.0	72.4	72.4	72.6	72.6	73.1	73.6
GE 4000	27.6	28.2	45.4	45.4	62.9	66.8	70.9	72.8	73.2	74.3	74.6	74.6	74.8	74.8	75.3	75.8
GE 3500	27.7	28.3	46.0	46.0	65.0	69.0	73.5	75.4	75.7	76.8	77.2	77.2	77.4	77.4	77.8	78.4
GE 3000	29.0	29.6	48.6	48.6	68.9	73.1	77.7	79.6	80.0	81.3	81.6	81.6	81.8	81.8	82.3	82.9
GE 2500	29.0	29.6	48.6	48.6	69.3	73.5	78.2	80.1	80.5	81.8	82.2	82.2	82.4	82.4	82.9	83.4
GE 2000	29.5	30.2	50.1	50.1	71.4	75.8	80.5	82.5	83.0	84.3	85.0	85.0	85.2	85.2	85.6	86.2
GE 1800	29.5	30.2	50.1	50.1	71.5	75.9	80.6	82.6	83.1	84.4	85.1	85.1	85.3	85.3	85.7	86.3
GE 1500	30.2	30.8	50.9	50.9	73.3	78.0	83.3	85.5	86.0	87.4	88.1	88.1	88.3	88.3	88.8	89.3
GE 1200	30.7	31.4	51.4	51.4	74.4	79.3	85.1	87.4	87.9	89.3	90.0	90.0	90.2	90.2	90.6	91.2
GE 1000	31.1	31.7	51.9	51.9	74.9	79.8	86.4	89.0	89.4	90.9	91.5	91.5	91.8	91.8	92.2	92.8
GE 900	31.1	31.7	51.9	51.9	74.9	79.8	86.9	89.4	89.9	91.5	92.2	92.2	92.4	92.4	92.9	93.4
GE 800	31.2	31.8	52.0	52.0	75.1	80.1	87.5	90.3	90.8	92.5	93.3	93.3	93.5	93.5	94.0	94.5
GE 700	31.3	32.0	52.2	52.2	75.5	80.6	88.5	91.4	91.9	93.7	94.4	94.4	94.7	94.7	95.1	95.7
GE 600	31.3	32.0	52.3	52.3	75.8	81.0	89.1	92.1	92.5	94.3	95.1	95.1	95.3	95.3	95.8	96.3
GE 500	31.3	32.0	52.3	52.3	75.8	81.0	89.1	92.2	92.7	94.4	95.2	95.2	95.4	95.4	95.9	96.4
GE 400	31.3	32.0	52.4	52.4	75.9	81.1	89.3	92.5	93.0	95.2	96.2	96.2	96.4	96.4	96.9	97.4
GE 300	31.3	32.0	52.4	52.4	76.2	81.3	89.6	92.9	93.3	95.9	97.3	97.3	97.6	97.6	98.1	98.7
GE 200	31.3	32.0	52.4	52.4	76.2	81.3	89.6	92.9	93.3	95.9	97.3	97.3	97.6	97.6	98.1	98.7
GE 100	31.3	32.0	52.4	52.4	76.2	81.6	90.0	93.2	93.7	96.2	97.7	97.7	98.2	98.2	98.8	99.9
GE 000	31.3	32.0	52.4	52.4	76.2	81.6	90.0	93.2	93.7	96.2	97.7	97.7	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 06-08

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	23.2	23.4	35.6	35.6	50.4	54.4	60.5	63.7	65.2	67.7	68.1	68.1	68.6	68.9	69.3	69.6
GE 4500	23.2	23.4	35.6	35.6	50.5	54.5	60.6	63.8	65.3	67.9	68.2	68.2	68.7	69.0	69.4	69.7
GE 4000	24.6	24.7	37.7	37.7	53.1	57.2	63.8	67.2	68.6	71.3	71.6	71.6	72.2	72.4	72.9	73.2
GE 3500	24.7	24.8	37.8	37.8	53.3	57.5	64.2	67.6	69.1	71.7	72.1	72.1	72.6	72.9	73.3	73.6
GE 3000	26.3	26.4	39.8	39.8	56.3	60.7	67.9	71.4	72.9	75.6	76.0	76.0	76.5	76.8	77.2	77.5
GE 2500	26.9	27.1	40.7	40.7	58.1	62.7	70.3	74.3	75.8	78.6	79.0	79.0	79.5	79.8	80.2	80.5
GE 2000	27.0	27.4	41.4	41.4	60.3	65.4	73.2	77.3	78.8	81.6	82.0	82.0	82.8	83.0	83.4	83.8
GE 1800	27.1	27.5	41.5	41.5	60.4	65.6	73.4	77.5	79.0	81.9	82.2	82.2	83.0	83.2	83.6	84.0
GE 1500	27.8	28.1	42.2	42.2	61.5	67.0	74.9	79.4	80.9	83.8	84.4	84.4	85.2	85.4	85.9	86.2
GE 1200	28.1	28.5	42.6	42.6	62.8	68.5	76.9	81.4	82.9	85.8	86.4	86.4	87.2	87.4	87.9	88.2
GE 1000	28.1	28.5	42.7	42.7	63.6	69.6	78.0	82.6	84.1	87.0	87.7	87.7	88.5	88.8	89.2	89.5
GE 900	28.1	28.5	42.7	42.7	63.7	69.7	78.2	83.1	84.5	87.8	88.4	88.4	89.3	89.5	90.0	90.3
GE 800	28.1	28.5	42.7	42.7	63.7	69.9	78.5	83.5	85.0	88.2	89.0	89.0	90.0	90.2	90.7	91.0
GE 700	28.1	28.5	42.8	42.8	64.4	70.5	79.5	84.6	86.1	89.4	90.2	90.2	91.2	91.4	91.9	92.2
GE 600	28.1	28.5	42.8	42.8	64.8	71.0	80.5	85.9	87.3	90.7	91.4	91.4	92.5	92.8	93.2	93.8
GE 500	28.1	28.5	42.8	42.8	64.8	71.1	80.6	86.3	87.8	91.8	92.8	92.8	93.9	94.1	94.7	95.3
GE 400	28.1	28.5	42.8	42.8	64.8	71.1	80.8	86.7	88.1	92.4	93.8	93.8	95.0	95.3	95.9	96.6
GE 300	28.1	28.5	42.8	42.8	64.8	71.1	80.9	86.9	88.4	93.0	94.5	94.7	96.3	96.8	97.3	98.1
GE 200	28.1	28.5	42.8	42.8	64.8	71.1	80.9	86.9	88.4	93.1	95.0	95.1	96.8	97.2	97.8	98.9
GE 100	28.1	28.5	42.8	42.8	64.8	71.1	80.9	86.9	88.4	93.1	95.0	95.1	96.9	97.3	98.0	100.0
GE 000	28.1	28.5	42.8	42.8	64.8	71.1	80.9	86.9	88.4	93.1	95.0	95.1	96.9	97.3	98.0	100.0
.....																

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 96	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	35.4	36.8	50.6	50.6	67.5	70.1	73.3	73.7	73.9	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	35.6	37.0	51.1	51.1	68.1	70.6	73.9	74.3	74.4	75.2	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	36.8	38.3	52.8	52.8	70.3	73.0	76.2	76.6	76.8	77.6	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	37.5	38.9	53.5	53.5	71.1	73.9	77.2	77.8	77.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	39.8	41.3	56.8	56.8	75.4	78.6	82.4	83.0	83.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	40.5	41.9	57.7	57.7	76.8	80.3	84.3	84.9	85.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	41.4	42.8	58.8	58.8	78.4	82.6	87.2	87.8	88.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	41.5	42.9	59.0	59.0	78.5	82.8	87.3	87.9	88.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	43.4	44.9	61.1	61.1	81.8	86.0	90.5	91.1	91.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	44.0	45.6	61.7	61.7	83.0	87.2	92.0	92.5	93.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	44.0	45.6	62.0	62.0	83.2	87.7	93.0	93.7	94.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	44.0	45.6	62.0	62.0	83.6	88.3	93.7	94.3	94.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	44.0	45.6	62.0	62.0	83.6	88.3	94.0	94.8	95.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	44.0	45.6	62.3	62.3	84.2	88.9	94.8	95.6	96.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	44.0	45.6	62.3	62.3	84.3	89.2	95.4	96.6	97.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	44.0	45.6	62.3	62.3	84.3	89.3	95.9	97.0	97.6	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	44.0	45.6	62.3	62.3	84.3	89.3	95.9	97.0	97.6	99.2	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	44.0	45.6	62.3	62.3	84.3	89.3	95.9	97.0	97.6	99.3	99.7	99.7	99.8	99.8	99.9	99.9
GE 200	44.0	45.6	62.3	62.3	84.3	89.3	95.9	97.0	97.6	99.3	99.7	99.7	99.8	99.8	99.9	99.9
GE 100	44.0	45.6	62.3	62.3	84.3	89.3	95.9	97.0	97.6	99.3	99.7	99.7	99.8	99.9	100.0	100.0
GE 000	44.0	45.6	62.3	62.3	84.3	89.3	95.9	97.0	97.6	99.3	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 12-14

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	48.6	50.3	65.3	65.3	76.9	78.4	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4500	48.9	50.7	65.7	65.7	77.3	78.9	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4000	50.1	51.9	67.1	67.1	79.6	81.1	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	50.4	52.2	67.8	67.8	80.2	81.8	82.3	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	55.2	57.1	73.1	73.1	87.1	88.8	89.9	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	55.6	57.6	73.8	73.8	88.1	90.1	91.3	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	56.6	58.6	74.9	74.9	89.2	91.7	93.1	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	56.7	58.7	75.0	75.0	89.4	91.9	93.3	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	58.6	60.7	77.1	77.1	91.7	94.1	95.7	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	58.7	61.0	77.8	77.8	92.9	95.3	96.9	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	58.9	61.2	78.0	78.0	93.6	96.1	97.7	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	58.9	61.2	78.0	78.0	93.6	96.1	97.9	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	58.9	61.2	78.3	78.3	93.9	96.4	98.2	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	59.0	61.3	78.7	78.7	94.3	96.9	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	59.0	61.3	78.7	78.7	94.3	97.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	59.0	61.3	78.7	78.7	94.3	97.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	59.0	61.3	78.7	78.7	94.3	97.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	59.0	61.3	78.7	78.7	94.3	97.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	59.0	61.3	78.7	78.7	94.3	97.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	59.0	61.3	78.7	78.7	94.3	97.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.0	61.3	78.7	78.7	94.3	97.0	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	60.1	62.1	74.7	74.7	82.0	82.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	60.2	62.2	74.8	74.8	82.1	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	62.2	64.2	77.0	77.0	84.6	84.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	62.9	64.9	77.8	77.8	85.3	85.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	66.9	68.9	82.3	82.3	90.6	91.1	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500	67.8	69.8	83.2	83.2	91.4	92.1	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	68.4	70.4	83.9	83.9	92.7	93.3	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	68.4	70.4	83.9	83.9	92.7	93.3	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	69.1	71.1	84.6	84.6	93.9	95.0	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	69.8	71.8	85.4	85.4	94.9	96.0	97.6	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	70.3	72.4	86.2	86.2	96.1	97.2	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	70.3	72.4	86.2	86.2	96.1	97.2	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	70.3	72.4	86.3	86.3	96.4	97.6	99.1	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	70.3	72.4	86.3	86.3	96.4	97.6	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	70.3	72.4	86.4	86.4	96.6	97.7	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	70.3	72.4	86.4	86.4	96.6	97.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	70.3	72.4	86.4	86.4	96.6	97.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.3	72.4	86.4	86.4	96.6	97.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.3	72.4	86.4	86.4	96.6	97.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.3	72.4	86.4	86.4	96.6	97.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	70.3	72.4	86.4	86.4	96.6	97.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	59.2	60.6	73.6	73.6	81.8	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	59.6	60.9	73.9	73.9	82.1	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	61.1	62.6	76.0	76.0	84.9	85.4	85.7	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	61.7	63.1	76.7	76.7	85.7	86.2	86.4	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	64.4	66.1	80.8	80.8	90.8	91.3	91.7	91.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	65.2	66.9	81.7	81.7	91.9	92.6	93.1	93.2	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	66.2	67.9	82.9	82.9	93.8	94.6	95.1	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	66.2	67.9	83.0	83.0	93.9	94.7	95.6	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	67.0	68.7	84.0	84.0	95.0	95.8	96.8	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	67.2	68.9	84.4	84.4	95.6	96.3	97.3	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	67.6	69.2	84.8	84.8	96.0	96.8	97.9	98.1	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	67.6	69.2	84.8	84.8	96.0	96.8	97.9	98.1	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	67.7	69.3	84.9	84.9	96.1	96.9	98.0	98.2	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	67.7	69.3	84.9	84.9	96.1	96.9	98.1	98.3	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	67.7	69.3	85.1	85.1	96.3	97.2	98.4	98.8	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	67.7	69.3	85.1	85.1	96.3	97.7	98.9	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	67.7	69.3	85.1	85.1	96.3	97.7	98.9	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	67.7	69.3	85.1	85.1	96.3	97.7	98.9	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	67.7	69.3	85.1	85.1	96.3	97.7	98.9	99.2	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	67.7	69.3	85.1	85.1	96.3	97.7	98.9	99.2	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	67.7	69.3	85.1	85.1	96.3	97.7	98.9	99.2	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: 21-23

CEILING		VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	54.1	55.4	68.2	68.2	78.0	79.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	54.3	55.7	68.6	68.6	78.6	79.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	55.8	57.1	70.0	70.8	81.0	82.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	56.4	57.1	71.6	71.6	81.9	83.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	58.2	59.7	75.3	75.3	86.9	88.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	58.9	60.3	76.4	76.4	88.3	89.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	59.2	60.7	77.2	77.2	89.7	90.9	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	59.2	60.7	77.2	77.2	89.7	90.9	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	60.0	61.4	78.4	78.4	91.1	92.4	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	60.6	62.0	79.2	79.2	92.3	93.7	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	60.8	62.2	79.6	79.6	92.9	94.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	60.8	62.2	79.7	79.7	93.0	94.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	60.9	62.3	79.8	79.8	93.3	94.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	60.9	62.3	79.8	79.8	93.3	94.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	61.0	62.4	79.9	79.9	93.4	94.8	98.2	98.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	61.0	62.4	79.9	79.9	93.4	94.8	98.2	98.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	61.0	62.4	79.9	79.9	93.4	94.8	98.2	98.4	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	61.0	62.4	79.9	79.9	93.4	94.8	98.2	98.4	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	61.0	62.4	79.9	79.9	93.4	94.8	98.2	98.4	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	61.0	62.4	79.9	79.9	93.4	94.8	98.2	98.4	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	61.0	62.4	79.9	79.9	93.4	94.8	98.2	98.4	98.8	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUN HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	43.8	45.0	59.3	59.3	71.2	73.2	75.5	76.2	76.5	77.1	77.2	77.2	77.3	77.4	77.5	77.6
GE 4500	4.0	45.2	59.6	59.6	71.7	73.6	75.9	76.7	77.0	77.6	77.7	77.7	77.8	77.8	77.9	78.1
GE 4000	45.3	46.5	61.5	61.5	74.1	76.1	78.6	79.4	79.7	80.3	80.5	80.5	80.6	80.6	80.7	80.8
GE 3500	45.7	46.9	62.0	62.0	75.0	77.0	79.6	80.5	80.8	81.5	81.6	81.6	81.7	81.7	81.9	82.0
GE 3000	48.1	49.5	65.6	65.6	79.8	81.9	84.9	85.7	86.0	86.8	86.9	86.9	87.0	87.0	87.2	87.3
GE 2500	48.7	50.0	66.3	66.3	80.8	83.2	86.3	87.2	87.5	88.3	88.4	88.4	88.5	88.5	88.6	88.8
GE 2000	49.2	50.6	67.3	67.3	82.3	84.9	88.3	89.3	89.6	90.4	90.6	90.6	90.7	90.8	90.9	91.0
GE 1800	49.3	50.7	67.3	67.3	82.4	85.0	88.4	89.4	89.7	90.5	90.7	90.7	90.8	90.9	91.0	91.1
GE 1500	50.3	51.8	68.7	68.7	84.2	87.0	90.6	91.6	92.0	92.8	93.1	93.1	93.2	93.2	93.3	93.4
GE 1200	50.8	52.2	69.3	69.3	85.3	88.1	91.9	93.0	93.4	94.2	94.5	94.5	94.6	94.6	94.7	94.8
GE 1000	51.0	52.5	69.7	69.7	86.0	88.9	93.0	94.1	94.5	95.3	95.6	95.6	95.7	95.8	95.9	96.0
GE 900	51.1	52.5	69.7	69.7	86.2	89.1	93.3	94.4	94.9	95.7	96.0	96.0	96.2	96.2	96.3	96.4
GE 800	51.1	52.6	69.8	69.8	86.3	89.3	93.6	94.8	95.3	96.2	96.5	96.5	96.6	96.7	96.8	96.9
GE 700	51.1	52.6	70.0	70.0	86.6	89.5	94.0	95.3	95.8	96.7	97.0	97.0	97.2	97.2	97.3	97.4
GE 600	51.1	52.6	70.0	70.0	86.8	89.8	94.4	95.8	96.3	97.3	97.6	97.6	97.8	97.8	97.9	98.0
GE 500	51.1	52.6	70.0	70.0	86.8	89.9	94.6	96.0	96.5	97.6	98.0	98.0	98.1	98.2	98.3	98.4
GE 400	51.1	52.6	70.1	70.1	86.8	90.0	94.7	96.2	96.7	97.9	98.4	98.5	98.7	98.7	98.8	99.0
GE 300	51.1	52.6	70.1	70.1	86.8	90.0	94.8	96.3	96.8	98.1	98.7	98.8	99.0	99.1	99.2	99.4
GE 200	51.1	52.6	70.1	70.1	86.8	90.0	94.8	96.3	96.8	98.2	98.9	98.9	99.2	99.3	99.4	99.6
GE 100	51.1	52.6	70.1	70.1	86.8	90.0	94.8	96.3	96.9	98.2	99.0	99.0	99.3	99.4	99.6	100.0
GE 000	51.1	52.6	70.1	70.1	86.8	90.0	94.8	96.3	96.9	98.2	99.0	99.0	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7196

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	30.9	32.0	40.8	40.8	53.3	54.4	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 4500	31.7	32.9	41.9	41.9	54.7	55.8	57.6	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 4000	35.6	37.0	47.5	47.5	60.4	61.6	63.6	64.0	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3
GE 3500	38.1	39.6	50.6	50.6	63.8	64.9	67.1	67.4	67.5	67.7	67.7	67.9	67.9	67.9	67.9	67.9
GE 3000	44.3	46.1	58.4	58.4	72.6	74.2	76.5	77.1	77.2	77.7	77.7	77.8	77.8	77.8	77.8	77.8
GE 2500	46.0	47.8	61.2	61.2	76.2	77.9	80.5	81.1	81.2	81.7	81.7	81.8	81.8	81.8	81.8	81.8
GE 2000	47.1	49.0	63.6	63.6	79.2	80.9	84.3	85.0	85.1	85.7	85.7	85.8	85.8	85.8	85.8	85.8
GE 1800	47.4	49.2	64.1	64.1	79.7	81.4	84.8	85.5	85.7	86.2	86.2	86.3	86.3	86.3	86.3	86.3
GE 1500	48.4	50.4	66.3	66.3	82.8	84.9	88.3	89.4	89.5	90.2	90.2	90.3	90.3	90.3	90.3	90.3
GE 1200	49.1	51.1	67.4	67.4	84.5	86.6	90.2	91.3	91.5	92.1	92.1	92.2	92.2	92.2	92.2	92.2
GE 1000	49.9	52.0	68.6	68.6	86.5	88.7	92.6	93.6	93.9	94.5	94.5	94.6	94.6	94.6	94.6	94.6
GE 900	50.2	52.2	68.9	68.9	86.8	89.0	93.1	94.2	94.4	95.0	95.0	95.1	95.1	95.1	95.1	95.1
GE 800	50.2	52.2	69.3	69.3	87.4	89.6	93.9	95.0	95.6	96.4	96.4	96.5	96.5	96.5	96.5	96.5
GE 700	50.3	52.3	69.4	69.4	87.9	90.2	94.9	96.2	96.8	97.6	97.6	97.7	97.7	97.7	97.7	97.7
GE 600	50.4	52.4	69.5	69.5	88.0	90.3	95.3	96.7	97.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 500	50.4	52.4	69.5	69.5	88.3	90.7	95.9	97.3	98.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2
GE 400	50.4	52.4	69.5	69.5	88.3	90.7	96.0	97.4	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 300	50.4	52.4	69.5	69.5	88.5	90.8	96.1	97.5	98.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 200	50.4	52.4	69.5	69.5	88.5	90.8	96.1	97.5	98.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 100	50.4	52.4	69.5	69.5	88.5	90.8	96.1	97.5	98.3	99.7	99.7	99.8	99.8	99.8	99.8	100.0
GE 000	50.4	52.4	69.5	69.5	88.5	90.8	96.1	97.5	98.3	99.7	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 03-05

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	16.7	17.0	25.7	25.7	37.2	39.7	43.3	44.6	44.8	45.6	45.8	45.9	46.0	46.1	46.1	46.3
GE 4500	17.4	17.7	26.7	26.7	38.5	41.0	44.6	45.9	46.1	46.9	47.1	47.2	47.3	47.4	47.4	47.6
GE 4000	19.6	19.9	29.8	29.8	41.8	44.4	48.5	49.8	50.0	50.8	51.0	51.1	51.2	51.3	51.3	51.5
GE 3500	22.0	22.5	33.7	33.7	46.7	49.4	53.4	54.7	54.9	55.7	55.9	56.0	56.1	56.2	56.2	56.5
GE 3000	26.5	26.9	41.4	41.4	57.7	60.4	64.7	66.2	66.6	67.4	67.6	67.7	67.8	68.0	68.0	68.2
GE 2500	28.1	28.5	44.6	44.6	61.4	64.1	68.6	70.1	70.4	71.3	71.5	71.6	71.7	71.8	71.8	72.0
GE 2000	29.9	30.3	48.0	48.0	66.0	68.7	74.0	75.7	76.0	77.0	77.2	77.3	77.4	77.5	77.5	77.7
GE 1800	30.1	30.5	48.4	48.4	66.6	69.2	74.6	76.3	76.7	77.6	77.8	78.0	78.1	78.2	78.2	78.4
GE 1500	31.0	31.4	50.5	50.5	71.4	74.7	80.6	82.8	83.1	84.1	84.3	84.4	84.6	84.8	84.8	85.1
GE 1200	31.5	31.9	51.5	51.5	73.3	77.0	82.9	85.2	85.7	86.7	87.0	87.1	87.3	87.5	87.5	87.7
GE 1000	31.9	32.4	52.6	52.6	75.4	79.1	85.7	88.4	88.9	89.9	90.2	90.3	90.6	90.9	90.9	91.1
GE 900	32.0	32.5	52.9	52.9	76.0	79.8	86.3	89.0	89.6	90.5	90.9	91.0	91.3	91.5	91.5	91.7
GE 800	32.0	32.5	53.1	53.1	76.9	80.8	87.7	90.5	91.1	92.3	92.6	92.7	93.0	93.2	93.2	93.5
GE 700	32.0	32.5	53.3	53.3	77.4	81.3	89.0	91.8	92.4	93.5	94.0	94.1	94.4	94.6	94.6	94.9
GE 600	32.0	32.5	53.3	53.3	77.8	81.7	90.1	92.9	93.4	94.6	95.1	95.2	95.6	95.8	95.8	96.1
GE 500	32.0	32.5	53.3	53.3	78.2	82.0	90.4	93.2	93.9	95.2	95.8	95.9	96.5	96.7	96.7	97.0
GE 400	32.0	32.5	53.3	53.3	78.4	82.4	91.1	93.9	94.5	95.8	96.6	96.7	97.2	97.4	97.5	98.0
GE 300	32.0	32.5	53.3	53.3	78.4	82.4	91.2	94.0	94.6	96.5	97.3	97.4	98.0	98.2	98.3	98.7
GE 200	32.0	32.5	53.3	53.3	78.5	82.5	91.3	94.1	94.7	96.9	97.8	98.0	98.5	98.7	98.8	99.2
GE 100	32.0	32.5	53.3	53.3	78.5	82.5	91.3	94.1	94.7	96.9	97.8	98.0	98.6	98.9	99.1	99.9
GE 000	32.0	32.5	53.3	53.3	78.5	82.5	91.3	94.1	94.7	96.9	97.8	98.0	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 06-08

CEILING		VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	15.7	15.9	22.0	22.0	32.9	35.9	39.8	42.3	42.6	43.9	44.5	44.6	44.9	45.1	45.7	46.2	
GE 4500	16.3	16.6	22.8	22.8	34.4	37.5	41.4	43.9	44.2	45.5	46.1	46.2	46.6	46.7	47.3	47.8	
GE 4000	19.2	19.5	26.3	26.3	38.7	41.9	46.0	48.7	49.0	50.3	51.2	51.3	51.6	51.7	52.4	52.9	
GE 3500	20.8	21.0	27.8	27.8	41.3	44.6	48.7	51.4	51.7	53.0	53.9	54.0	54.3	54.4	55.1	55.6	
GE 3000	25.1	25.3	33.8	33.8	48.9	52.4	57.0	60.0	60.9	62.2	63.1	63.2	63.5	63.7	64.4	64.9	
GE 2500	26.8	27.1	36.2	36.2	52.2	55.7	60.5	63.7	64.5	65.9	67.0	67.1	67.4	67.5	68.3	68.8	
GE 2000	28.9	29.4	39.9	39.9	58.3	62.4	67.8	71.4	72.3	73.7	74.8	75.1	75.5	75.6	76.3	76.9	
GE 1800	29.1	29.6	40.1	40.1	58.6	62.7	68.2	71.7	72.6	74.0	75.3	75.5	75.9	76.0	76.8	77.3	
GE 1500	30.8	31.2	42.8	42.8	62.8	67.0	73.0	77.4	78.3	79.8	81.1	81.3	81.7	81.8	82.6	83.1	
GE 1200	31.6	32.0	43.9	43.9	64.6	69.0	75.3	79.9	80.8	82.3	83.5	83.8	84.3	84.4	85.2	85.7	
GE 1000	32.4	32.8	44.6	44.6	66.6	71.5	78.4	83.3	84.2	86.3	87.7	88.0	88.6	88.7	89.5	90.0	
GE 900	32.4	32.8	44.6	44.6	66.7	72.0	79.2	84.3	85.2	87.3	88.7	88.9	89.6	89.7	90.4	91.0	
GE 800	32.4	32.8	44.9	44.9	67.5	73.0	80.3	85.6	86.5	88.8	90.2	90.4	91.1	91.2	91.9	92.5	
GE 700	32.4	32.8	45.1	45.1	68.1	73.5	81.0	86.7	87.5	90.1	91.5	91.7	92.4	92.5	93.2	93.8	
GE 600	32.5	32.9	45.2	45.2	68.4	73.9	81.6	87.5	88.5	91.5	92.9	93.1	93.8	93.9	94.6	95.2	
GE 500	32.5	32.9	45.4	45.4	68.7	74.3	82.3	88.4	89.5	92.7	94.1	94.3	95.2	95.3	96.0	96.6	
GE 400	32.5	32.9	45.4	45.4	68.7	74.3	82.5	88.6	89.7	93.1	94.7	94.9	95.9	96.0	96.8	97.5	
GE 300	32.5	32.9	45.4	45.4	68.8	74.4	82.6	88.7	89.8	93.4	95.6	95.8	97.1	97.2	98.1	98.9	
GE 200	32.5	32.9	45.4	45.4	68.8	74.4	82.6	88.7	89.8	93.4	95.8	96.0	97.4	97.5	98.4	99.2	
GE 100	32.5	32.9	45.4	45.4	68.8	74.4	82.6	88.7	89.8	93.4	95.8	96.0	97.6	97.7	98.7	100.0	
GE 000	32.5	32.9	45.4	45.4	68.8	74.4	82.6	88.7	89.8	93.4	95.8	96.0	97.6	97.7	98.7	100.0	
.....																	

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 09-11

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	25.2	26.5	37.8	37.8	49.0	51.0	53.5	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 4500	25.8	27.1	38.5	38.5	49.8	51.9	54.4	54.8	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 4000	28.6	29.9	42.2	42.2	54.0	56.1	58.6	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 3500	30.6	32.0	44.6	44.6	56.9	59.0	61.7	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 3000	37.1	38.9	52.2	52.2	66.4	68.6	71.6	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 2500	38.9	40.8	55.2	55.2	70.2	72.7	75.7	76.5	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2000	40.6	43.1	58.1	58.1	74.5	77.4	80.6	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	40.7	43.2	58.4	58.4	74.9	77.8	81.1	82.0	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	42.7	45.3	61.8	61.8	79.5	83.0	86.7	87.7	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	43.4	46.0	63.0	63.0	81.2	84.9	88.7	89.9	90.0	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	44.5	47.0	64.6	64.6	84.2	88.1	92.4	93.5	93.6	94.3	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	44.5	47.0	64.6	64.6	84.3	88.3	92.6	93.8	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	44.5	47.0	64.9	64.9	84.8	88.8	93.1	94.5	94.6	95.3	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	44.6	47.3	65.6	65.6	85.7	89.8	94.1	95.5	95.6	96.2	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	44.8	47.5	65.8	65.8	86.1	90.2	94.6	96.3	96.4	97.1	97.4	97.4	97.5	97.5	97.5	97.5
GE 500	45.0	47.7	66.4	66.4	86.9	91.1	95.6	97.4	97.5	98.2	98.5	98.5	98.6	98.6	98.6	98.6
GE 400	45.0	47.7	66.6	66.6	87.2	91.4	96.0	98.0	98.1	98.8	99.1	99.1	99.4	99.4	99.4	99.4
GE 300	45.0	47.7	66.6	66.6	87.3	91.5	96.3	98.3	98.4	99.2	99.6	99.6	99.9	99.9	99.9	99.9
GE 200	45.0	47.7	66.6	66.6	87.3	91.5	96.3	98.3	98.4	99.2	99.6	99.6	99.9	99.9	99.9	99.9
GE 100	45.0	47.7	66.6	66.6	87.3	91.5	96.3	98.3	98.4	99.2	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	45.0	47.7	66.6	66.6	87.3	91.5	96.3	98.3	98.4	99.2	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	40.0	41.8	53.7	53.7	61.9	62.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3
GE 4500	40.5	42.3	54.2	54.2	62.5	62.9	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
GE 4000	44.3	46.2	58.3	58.3	66.7	67.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5
GE 3500	45.3	47.2	59.5	59.5	67.9	68.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
GE 3000	52.2	54.6	68.2	68.2	77.5	77.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7
GE 2500	55.3	58.0	72.1	72.1	81.6	82.2	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2
GE 2000	57.4	60.3	75.5	75.5	85.3	86.2	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.4
GE 1800	57.7	60.6	75.8	75.8	85.6	86.4	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6
GE 1500	59.6	62.5	78.3	78.3	89.4	90.4	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7
GE 1200	60.2	63.3	79.5	79.5	90.9	92.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
GE 1000	61.0	64.0	81.0	81.0	93.5	94.6	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 900	61.0	64.0	81.3	81.3	94.0	95.0	97.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 800	61.0	64.0	81.4	81.4	94.1	95.2	97.6	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.3
GE 700	61.3	64.3	81.8	81.8	94.5	95.8	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	99.0
GE 600	61.3	64.3	81.8	81.8	94.6	95.9	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.1
GE 500	61.3	64.3	81.8	81.8	94.9	96.2	98.8	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 400	61.3	64.3	81.9	81.9	95.0	96.3	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8
GE 300	61.3	64.3	81.9	81.9	95.2	96.4	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9
GE 200	61.3	64.3	81.9	81.9	95.2	96.4	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9
GE 100	61.3	64.3	81.9	81.9	95.2	96.4	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9
GE 000	61.3	64.3	81.9	81.9	95.2	96.4	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 15-17

CEILING		VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	49.5	52.5	62.9	62.9	67.1	67.7	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4500	50.1	53.1	63.4	63.4	67.6	68.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 4000	53.4	56.6	67.6	67.6	72.3	73.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	55.3	58.6	69.5	69.5	74.3	74.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	61.5	64.8	77.1	77.1	83.0	83.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	63.5	66.8	79.8	79.8	86.3	87.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	64.7	68.0	81.3	81.3	88.4	89.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1800	64.7	68.0	81.5	81.5	88.8	89.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1500	66.2	69.8	83.9	83.9	91.6	92.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	67.0	70.5	84.6	84.6	92.6	93.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	67.3	70.8	85.5	85.5	94.7	95.8	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	67.4	70.9	85.6	85.6	94.8	95.9	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	67.4	70.9	85.6	85.6	94.8	95.9	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	67.4	71.0	85.7	85.7	94.9	96.1	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	67.6	71.3	85.9	85.9	95.2	96.3	98.8	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	67.6	71.3	85.9	85.9	95.2	96.4	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	67.6	71.3	85.9	85.9	95.2	96.4	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	67.6	71.3	85.9	85.9	95.2	96.6	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.6	71.3	85.9	85.9	95.2	96.6	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.6	71.3	85.9	85.9	95.2	96.6	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.6	71.3	85.9	85.9	95.2	96.6	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 18-20

CEILING		VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	53.6	55.4	65.5	65.5	71.2	72.1	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	54.3	56.1	66.3	66.3	72.1	72.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	58.3	60.2	70.8	70.8	76.8	77.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	59.9	61.8	72.5	72.5	78.9	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	64.4	66.8	78.1	78.1	85.4	86.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	66.0	68.4	79.8	79.8	87.3	88.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2000	66.9	69.4	80.9	80.9	89.1	90.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	66.9	69.4	80.9	80.9	89.2	90.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	67.9	70.4	82.2	82.2	91.2	92.9	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	68.2	70.8	82.6	82.6	92.1	94.0	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	68.4	71.0	83.1	83.1	93.4	95.7	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	68.4	71.0	83.2	83.2	93.5	95.8	98.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	68.7	71.3	83.7	83.7	94.1	96.3	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	68.7	71.3	83.7	83.7	94.3	96.5	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	68.7	71.3	83.7	83.7	94.4	96.7	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	68.8	71.4	83.8	83.8	94.5	96.8	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.8	71.4	83.8	83.8	94.5	96.8	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.8	71.4	83.8	83.8	94.5	96.8	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.8	71.4	83.8	83.8	94.5	96.8	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.8	71.4	83.8	83.8	94.5	96.8	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.8	71.4	83.8	83.8	94.5	96.8	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....																	

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	49.7	51.6	59.5	59.5	69.5	69.6	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	50.1	51.9	60.4	60.4	70.5	70.6	72.1	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	53.3	55.1	64.3	64.3	74.9	75.0	76.5	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	54.7	56.5	65.9	65.9	76.6	76.7	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	58.2	60.1	71.3	71.3	82.5	83.2	84.8	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	60.1	62.0	73.5	73.5	85.4	86.9	88.5	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	60.8	62.8	74.6	74.6	86.7	88.2	90.3	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	60.8	62.8	74.6	74.6	86.7	88.2	90.4	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	61.1	63.2	75.6	75.6	88.5	90.0	92.2	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	61.4	63.4	76.1	76.1	89.8	91.5	93.9	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	61.8	63.8	76.7	76.7	91.8	93.6	96.6	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	61.8	63.8	76.7	76.7	91.9	93.9	96.8	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	61.8	63.8	76.7	76.7	92.0	94.0	96.9	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	61.8	63.8	76.7	76.7	92.2	94.2	97.5	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	61.8	63.8	76.7	76.7	92.4	94.3	97.6	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	61.8	63.8	76.9	76.9	92.6	94.5	97.8	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	61.8	63.8	76.9	76.9	92.7	94.6	98.1	98.8	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	61.8	63.8	76.9	76.9	92.8	94.7	98.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	61.8	63.8	76.9	76.9	92.8	94.7	98.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.8	63.8	76.9	76.9	92.8	94.7	98.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	61.8	63.8	76.9	76.9	92.8	94.7	98.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	35.1	36.6	46.0	46.0	55.2	56.6	58.6	59.1	59.2	59.5	59.6	59.6	59.7	59.7	59.8	59.9
GE 4500	35.8	37.2	46.8	46.8	56.3	57.6	59.6	60.2	60.3	60.6	60.7	60.8	60.8	60.8	60.9	61.0
GE 4000	39.0	40.5	50.8	50.8	60.7	62.1	64.3	64.9	65.1	65.4	65.5	65.5	65.6	65.6	65.7	65.8
GE 3500	40.8	42.4	53.0	53.0	63.3	64.7	66.9	67.6	67.7	68.0	68.2	68.2	68.2	68.3	68.4	68.5
GE 3000	46.1	47.9	60.0	60.0	71.7	73.4	75.9	76.7	76.9	77.2	77.4	77.4	77.5	77.5	77.6	77.7
GE 2500	48.1	49.9	62.8	62.8	75.0	76.9	79.5	80.3	80.5	80.9	81.1	81.1	81.2	81.2	81.3	81.4
GE 2000	49.5	51.5	65.2	65.2	78.4	80.5	83.5	84.5	84.7	85.1	85.2	85.3	85.4	85.4	85.5	85.6
GE 1800	49.7	51.6	65.5	65.5	78.7	80.8	83.8	84.8	85.0	85.4	85.6	85.7	85.7	85.8	85.9	86.0
GE 1500	50.9	53.0	67.7	67.7	82.2	84.4	87.8	88.9	89.1	89.6	89.8	89.9	89.9	90.0	90.1	90.2
GE 1200	51.5	53.6	68.6	68.6	83.6	86.1	89.5	90.8	91.0	91.5	91.7	91.8	91.9	91.9	92.0	92.1
GE 1000	52.1	54.2	69.6	69.6	85.8	88.4	92.4	93.8	94.1	94.7	95.0	95.1	95.2	95.2	95.3	95.4
GE 900	52.2	54.3	69.7	69.7	86.0	88.7	92.8	94.2	94.5	95.1	95.4	95.5	95.6	95.6	95.7	95.8
GE 800	52.2	54.3	69.9	69.9	86.4	89.2	93.3	94.9	95.2	95.9	96.2	96.3	96.4	96.4	96.5	96.6
GE 700	52.3	54.4	70.1	70.1	86.9	89.7	94.1	95.7	96.0	96.8	97.1	97.1	97.2	97.3	97.4	97.5
GE 600	52.4	54.5	70.2	70.2	87.1	89.9	94.5	96.2	96.5	97.3	97.6	97.7	97.8	97.9	98.0	98.1
GE 500	52.4	54.5	70.4	70.4	87.4	90.3	94.9	96.6	97.1	97.9	98.2	98.3	98.5	98.5	98.6	98.7
GE 400	52.4	54.5	70.4	70.4	87.5	90.4	95.1	96.9	97.3	98.3	98.6	98.7	98.9	98.9	99.0	99.2
GE 300	52.4	54.5	70.4	70.4	87.6	90.4	95.2	97.1	97.5	98.5	99.0	99.0	99.3	99.3	99.5	99.7
GE 200	52.4	54.5	70.4	70.4	87.6	90.5	95.3	97.1	97.5	98.6	99.1	99.1	99.4	99.4	99.6	99.8
GE 100	52.4	54.5	70.4	70.4	87.6	90.5	95.3	97.1	97.5	98.6	99.1	99.1	99.5	99.5	99.7	100.0
GE 000	52.4	54.5	70.4	70.4	87.6	90.5	95.3	97.1	97.5	98.6	99.1	99.1	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7429

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	41.2	45.0	58.7	58.7	72.4	73.8	76.3	77.0	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.7
GE 4500	42.0	45.7	59.5	59.5	73.3	74.7	77.2	77.8	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.6
GE 4000	44.6	48.3	62.9	62.9	77.4	78.8	81.3	81.9	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.7
GE 3500	45.6	49.6	64.3	64.3	78.9	80.5	83.0	83.6	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.4
GE 3000	48.8	53.3	69.4	69.4	85.3	86.9	89.3	90.0	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.9
GE 2500	49.4	53.9	70.2	70.2	86.3	87.9	90.6	91.3	91.4	91.9	91.9	91.9	91.9	91.9	91.9	92.1
GE 2000	50.5	55.0	71.4	71.4	87.9	89.8	92.6	93.3	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.2
GE 1800	50.6	55.1	71.5	71.5	88.1	89.9	92.7	93.4	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.3
GE 1500	51.1	55.8	72.2	72.2	88.9	91.0	93.9	94.6	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.5
GE 1200	51.2	55.9	72.3	72.3	89.5	91.5	94.4	95.2	95.3	95.8	95.8	95.8	95.8	95.8	95.8	96.0
GE 1000	51.3	56.0	72.7	72.7	90.4	92.8	95.8	96.6	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.4
GE 900	51.3	56.0	72.8	72.8	90.9	93.2	96.2	97.0	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.8
GE 800	51.3	56.0	72.8	72.8	90.9	93.2	96.2	97.0	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.8
GE 700	51.3	56.0	72.8	72.8	90.9	93.2	96.3	97.1	97.2	97.7	97.7	97.7	97.7	97.7	97.7	98.0
GE 600	51.3	56.0	72.8	72.8	91.1	93.4	96.6	97.3	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.2
GE 500	51.5	56.1	73.1	73.1	91.4	93.8	97.3	98.1	98.2	98.7	98.7	98.7	98.8	98.8	98.8	99.0
GE 400	51.5	56.1	73.1	73.1	91.4	93.8	97.3	98.1	98.2	98.9	98.9	98.9	99.0	99.0	99.0	99.2
GE 300	51.6	56.2	73.2	73.2	91.6	94.0	97.5	98.3	98.4	99.1	99.1	99.1	99.2	99.2	99.2	99.6
GE 200	51.6	56.2	73.2	73.2	91.6	94.0	97.5	98.3	98.4	99.1	99.1	99.1	99.4	99.4	99.4	99.7
GE 100	51.6	56.2	73.2	73.2	91.6	94.0	97.5	98.3	98.4	99.1	99.1	99.1	99.4	99.4	99.7	100.0
GE 000	51.6	56.2	73.2	73.2	91.6	94.0	97.5	98.3	98.4	99.1	99.1	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 00 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	31.4	34.1	41.9	41.9	58.0	60.2	62.0	63.5	64.3	65.1	66.1	66.2	66.7	66.8	67.0	67.3
GE 4500	31.5	34.2	42.2	42.2	58.3	60.5	62.4	63.9	64.6	65.4	66.5	66.6	67.0	67.1	67.3	67.6
GE 4000	33.5	36.3	44.8	44.8	62.3	64.8	67.0	68.5	69.2	70.0	71.1	71.2	71.6	71.7	71.9	72.3
GE 3500	34.0	37.0	45.6	45.6	63.5	66.5	68.6	70.1	71.0	71.7	72.8	72.9	73.3	73.4	73.7	74.0
GE 3000	37.4	40.4	51.6	51.6	72.0	74.9	77.7	79.4	80.2	81.0	82.0	82.2	82.6	82.7	82.9	83.2
GE 2500	37.7	40.8	52.3	52.3	72.8	75.7	79.0	80.6	81.5	82.3	83.3	83.4	83.9	84.0	84.2	84.5
GE 2000	39.6	42.7	54.4	54.4	75.7	78.6	82.6	84.3	85.2	86.0	87.1	87.2	87.6	87.7	88.0	88.3
GE 1800	39.6	42.7	54.4	54.4	75.9	78.8	82.8	84.5	85.4	86.2	87.3	87.4	87.8	88.0	88.2	88.5
GE 1500	39.7	42.9	55.3	55.3	77.4	80.6	84.7	86.5	87.3	88.2	89.2	89.4	89.8	89.9	90.1	90.4
GE 1200	39.8	43.0	55.7	55.7	78.3	81.8	86.1	87.8	88.7	89.6	90.6	90.8	91.2	91.3	91.5	91.8
GE 1000	40.1	43.3	56.0	56.0	78.7	82.4	86.9	88.6	89.5	90.3	91.4	91.5	91.9	92.0	92.3	92.6
GE 900	40.1	43.3	56.0	56.0	78.8	82.5	87.0	88.7	89.6	90.4	91.5	91.6	92.0	92.2	92.4	92.7
GE 800	40.2	43.5	56.2	56.2	79.0	82.8	87.4	89.2	90.1	91.0	92.0	92.2	92.6	92.7	92.9	93.2
GE 700	40.2	43.5	56.2	56.2	79.1	82.9	87.5	89.4	90.2	91.1	92.2	92.3	92.7	92.8	93.0	93.3
GE 600	40.2	43.5	56.2	56.2	79.2	83.0	87.7	89.6	90.4	91.3	92.4	92.5	92.9	93.0	93.2	93.5
GE 500	40.2	43.5	56.3	56.3	79.7	83.4	88.3	90.1	91.0	92.0	93.1	93.2	93.8	93.9	94.4	94.7
GE 400	40.2	43.5	56.3	56.3	79.8	83.5	88.7	90.9	91.7	92.8	93.9	94.0	94.5	94.6	95.2	95.5
GE 300	40.2	43.5	56.3	56.3	79.9	83.7	88.9	91.3	92.2	93.3	94.4	94.6	95.5	95.6	96.2	96.8
GE 200	40.2	43.5	56.3	56.3	79.9	83.7	89.0	91.6	92.6	94.0	95.1	95.3	96.3	96.6	97.3	98.4
GE 100	40.2	43.5	56.3	56.3	79.9	83.7	89.0	91.6	92.6	94.0	95.1	95.3	96.6	97.0	98.3	99.9
GE 000	40.2	43.5	56.3	56.3	79.9	83.7	89.0	91.6	92.6	94.0	95.1	95.3	96.6	97.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	28.1	30.7	38.4	38.4	50.4	52.1	56.7	58.7	59.2	60.8	61.8	62.0	62.3	62.8	62.9	63.5
GE 4500	28.2	30.8	38.6	38.6	51.1	52.9	57.5	59.4	60.0	61.6	62.5	62.8	63.1	63.5	63.6	64.3
GE 4000	30.2	32.9	42.1	42.1	55.4	57.3	62.1	64.3	64.8	66.5	67.6	67.8	68.1	68.6	68.7	69.3
GE 3500	30.8	33.5	42.9	42.9	56.6	58.4	63.6	65.8	66.3	68.0	69.1	69.3	69.6	70.1	70.2	70.8
GE 3000	35.0	38.0	48.5	48.5	63.8	66.1	71.9	74.5	75.1	77.0	78.0	78.3	78.6	79.0	79.1	79.8
GE 2500	36.2	39.3	51.0	51.0	67.1	69.4	75.7	78.3	78.9	80.7	81.8	82.0	82.3	82.8	82.9	83.5
GE 2000	37.6	40.8	53.6	53.6	70.3	73.1	80.0	82.7	83.3	85.1	86.2	86.4	86.8	87.2	87.3	87.9
GE 1800	37.6	40.8	53.6	53.6	70.4	73.2	80.1	82.8	83.4	85.3	86.3	86.5	86.9	87.3	87.4	88.1
GE 1500	37.7	40.9	54.0	54.0	71.2	74.1	81.2	83.9	84.6	86.5	87.6	87.8	88.2	88.6	88.7	89.3
GE 1200	37.7	40.9	54.0	54.0	71.6	74.6	81.8	84.8	85.6	87.5	88.6	88.8	89.1	89.6	89.7	90.3
GE 1000	38.0	41.3	54.7	54.7	72.3	75.6	82.8	85.8	86.5	88.5	89.6	89.8	90.2	90.6	90.7	91.4
GE 900	38.0	41.3	54.7	54.7	72.3	75.7	83.0	86.0	86.8	88.7	89.8	90.0	90.4	90.9	91.0	91.6
GE 800	38.0	41.3	54.7	54.7	72.7	76.1	83.5	86.5	87.3	89.2	90.3	90.5	91.0	91.4	91.6	92.2
GE 700	38.1	41.4	54.8	54.8	72.9	76.3	83.7	86.8	87.5	89.5	90.5	90.7	91.2	91.6	91.8	92.6
GE 600	38.1	41.4	54.8	54.8	73.1	76.5	84.0	87.0	87.7	89.7	90.7	91.0	91.4	91.8	92.0	92.8
GE 500	38.1	41.4	54.8	54.8	73.2	76.6	84.3	87.4	88.4	90.5	91.8	92.0	92.6	93.0	93.6	94.6
GE 400	38.1	41.4	54.8	54.8	73.2	76.6	84.3	87.6	88.7	91.2	92.6	92.8	93.3	93.9	94.5	95.6
GE 300	38.1	41.4	54.8	54.8	73.2	76.6	84.3	87.8	88.9	91.4	93.3	93.6	94.5	95.0	95.7	97.2
GE 200	38.1	41.4	54.8	54.8	73.2	76.6	84.3	87.8	88.9	91.5	93.4	93.8	95.0	95.6	96.8	98.7
GE 100	38.1	41.4	54.8	54.8	73.2	76.6	84.3	87.8	88.9	91.5	93.4	93.8	95.0	95.6	96.9	99.8
GE 000	38.1	41.4	54.8	54.8	73.2	76.6	84.3	87.8	88.9	91.5	93.4	93.8	95.0	95.6	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	40.4	42.5	51.4	51.4	62.7	64.1	65.9	66.7	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 4500	40.6	42.7	51.8	51.8	63.2	64.6	66.5	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6
GE 4000	43.4	45.5	55.4	55.4	67.8	69.2	71.2	71.9	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 3500	44.7	47.0	57.1	57.1	69.8	71.2	73.2	74.0	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	51.3	54.6	65.8	65.8	80.3	82.0	84.4	85.3	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	52.4	55.8	67.4	67.4	82.5	84.2	86.9	87.7	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	53.9	57.5	70.0	70.0	85.6	87.4	90.3	91.2	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	54.0	57.6	70.2	70.2	85.8	87.6	90.5	91.4	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	54.8	58.5	71.2	71.2	87.1	88.9	92.0	92.9	93.0	93.5	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	55.3	58.9	71.8	71.8	87.8	89.9	93.0	93.9	94.0	94.5	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	55.7	59.4	72.3	72.3	88.4	90.9	94.3	95.3	95.5	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	55.7	59.4	72.3	72.3	88.4	90.9	94.6	95.6	95.8	96.5	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	55.9	59.6	72.5	72.5	88.7	91.2	94.9	95.9	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	56.0	59.7	72.6	72.6	88.9	91.4	95.4	96.5	96.7	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	56.0	59.7	72.6	72.6	89.1	91.6	95.7	96.8	97.0	97.8	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	56.0	59.7	72.6	72.6	89.4	91.8	96.0	97.2	97.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0
GE 400	56.0	59.7	72.6	72.6	89.4	91.8	96.1	97.4	97.8	98.9	99.2	99.2	99.4	99.5	99.5	99.5
GE 300	56.0	59.7	72.6	72.6	89.4	91.8	96.1	97.4	97.8	99.0	99.5	99.5	99.7	99.8	99.8	99.8
GE 200	56.0	59.7	72.6	72.6	89.4	91.8	96.1	97.4	97.8	99.0	99.5	99.5	99.9	100.0	100.0	100.0
GE 100	56.0	59.7	72.6	72.6	89.4	91.8	96.1	97.4	97.8	99.0	99.5	99.5	99.9	100.0	100.0	100.0
GE 000	56.0	59.7	72.6	72.6	89.4	91.8	96.1	97.4	97.8	99.0	99.5	99.5	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	54.5	57.6	66.8	66.8	72.2	72.4	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	54.5	57.6	66.8	66.8	72.3	72.5	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	57.4	60.8	70.2	70.2	76.3	76.7	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3
GE 3500	59.8	63.1	73.1	73.1	79.5	79.8	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
GE 3000	67.5	71.6	82.4	82.4	90.4	91.2	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 2500	68.8	72.9	84.1	84.1	92.6	93.3	94.9	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 2000	70.2	74.3	85.7	85.7	95.2	96.0	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 1800	70.2	74.3	85.7	85.7	95.3	96.1	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 1500	70.5	74.6	86.1	86.1	95.7	96.6	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1200	70.8	75.1	86.6	86.6	96.2	97.1	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1000	71.2	75.5	87.0	87.0	96.9	97.7	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 900	71.2	75.5	87.0	87.0	96.9	97.7	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	71.2	75.5	87.0	87.0	97.0	97.8	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 700	71.2	75.5	87.0	87.0	97.0	97.8	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	71.2	75.5	87.0	87.0	97.0	97.8	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	71.2	75.5	87.0	87.0	97.0	97.8	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	71.2	75.5	87.0	87.0	97.1	98.0	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	71.2	75.5	87.0	87.0	97.1	98.0	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	71.2	75.5	87.0	87.0	97.1	98.0	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	71.2	75.5	87.0	87.0	97.1	98.0	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	71.2	75.5	87.0	87.0	97.1	98.0	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 15-17

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	61.4	67.0	74.4	74.4	77.8	78.0	78.3	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5
GE 4500	61.7	67.3	74.7	74.7	78.4	78.5	78.8	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000	64.7	70.4	78.1	78.1	82.0	82.3	82.7	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	67.3	73.0	80.9	80.9	85.1	85.3	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	71.6	77.6	86.6	86.6	92.3	92.9	93.3	93.5	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9
GE 2500	72.2	78.2	87.3	87.3	93.2	93.9	94.3	94.5	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8
GE 2000	72.9	78.9	88.5	88.5	95.1	95.8	96.3	96.6	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2
GE 1800	73.0	79.0	88.6	88.6	95.2	95.9	96.5	96.7	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 1500	73.8	79.9	89.6	89.6	96.3	97.1	97.7	98.0	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 1200	74.2	80.5	90.2	90.2	97.0	97.7	98.4	98.6	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 1000	74.2	80.5	90.2	90.2	97.1	97.8	98.6	98.8	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5
GE 900	74.2	80.5	90.2	90.2	97.1	97.8	98.6	98.8	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5
GE 800	74.2	80.5	90.2	90.2	97.1	97.8	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 700	74.3	80.6	90.4	90.4	97.3	98.1	98.8	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	74.3	80.6	90.4	90.4	97.3	98.2	98.9	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	74.3	80.6	90.4	90.4	97.3	98.2	98.9	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	74.3	80.6	90.4	90.4	97.3	98.2	98.9	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	74.3	80.6	90.5	90.5	97.4	98.3	99.0	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	74.3	80.6	90.5	90.5	97.4	98.3	99.0	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	74.3	80.6	90.5	90.5	97.4	98.3	99.0	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	74.3	80.6	90.5	90.5	97.4	98.3	99.0	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	58.2	61.7	70.9	70.9	76.9	77.0	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500	58.8	62.4	71.8	71.8	78.0	78.1	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	62.3	65.8	75.7	75.7	82.0	82.2	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	63.5	67.2	77.2	77.2	83.5	83.7	84.4	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	68.8	72.8	83.9	83.9	91.3	91.4	92.3	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	70.0	74.2	85.4	85.4	92.9	93.1	94.3	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	70.9	75.1	86.8	86.8	94.6	94.8	96.1	96.5	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	70.9	75.1	86.8	86.8	94.6	94.8	96.1	96.5	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	71.7	76.0	88.0	88.0	96.1	96.3	97.8	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	71.7	76.0	88.2	88.2	96.5	96.8	98.3	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	71.9	76.2	88.4	88.4	96.8	97.1	98.7	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	71.9	76.2	88.4	88.4	96.8	97.1	98.7	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	71.9	76.2	88.4	88.4	96.8	97.1	98.7	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	71.9	76.2	88.4	88.4	96.8	97.1	98.7	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	71.9	76.2	88.6	88.6	97.0	97.3	98.9	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	71.9	76.2	88.6	88.6	97.0	97.3	98.9	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.9	76.2	88.6	88.6	97.0	97.3	98.9	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.9	76.2	88.6	88.6	97.0	97.3	98.9	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.9	76.2	88.6	88.6	97.0	97.3	98.9	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.9	76.2	88.6	88.6	97.0	97.3	98.9	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.9	76.2	88.6	88.6	97.0	97.3	98.9	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	51.0	54.6	66.2	66.2	76.0	77.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4500	51.8	55.3	67.4	67.4	77.4	78.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	54.1	57.9	70.4	70.4	80.9	82.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	55.2	59.0	71.9	71.9	82.5	83.9	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	59.0	62.8	77.0	77.0	88.1	89.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	60.4	64.2	79.1	79.1	90.6	92.0	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	61.2	65.0	80.8	80.8	92.7	94.1	96.4	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8
GE 1800	61.2	65.0	80.9	80.9	92.8	94.2	96.7	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1
GE 1500	61.6	65.3	81.5	81.5	93.9	95.4	97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3
GE 1200	61.6	65.3	81.5	81.5	94.0	95.5	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 1000	61.8	65.7	81.9	81.9	94.4	96.0	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 900	61.8	65.7	81.9	81.9	94.4	96.0	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 800	61.8	65.7	81.9	81.9	94.6	96.2	98.9	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 700	61.8	65.7	81.9	81.9	94.6	96.2	98.9	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 600	61.8	65.7	81.9	81.9	94.6	96.2	98.9	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 500	61.8	65.7	81.9	81.9	94.8	96.4	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 400	61.8	65.7	81.9	81.9	94.8	96.4	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 300	61.8	65.7	81.9	81.9	94.8	96.4	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	61.8	65.7	81.9	81.9	94.8	96.4	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	61.8	65.7	81.9	81.9	94.8	96.4	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	61.8	65.7	81.9	81.9	94.8	96.4	99.2	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	45.8	49.1	58.6	58.6	68.3	69.4	71.2	71.8	72.0	72.4	72.7	72.7	72.8	72.9	72.9	73.1
GE 4500	46.1	49.5	59.1	59.1	69.0	70.1	71.9	72.5	72.7	73.1	73.4	73.5	73.6	73.6	73.7	73.8
GE 4000	48.8	52.3	62.4	62.4	73.0	74.2	76.2	76.9	77.0	77.5	77.8	77.8	77.9	78.0	78.0	78.2
GE 3500	50.1	53.7	64.1	64.1	74.9	76.1	78.2	78.9	79.1	79.5	79.8	79.8	80.0	80.0	80.1	80.2
GE 3000	54.9	58.9	70.6	70.6	82.9	84.4	86.7	87.4	87.7	88.2	88.5	88.5	88.7	88.7	88.8	88.9
GE 2500	55.9	59.9	72.1	72.1	84.8	86.2	88.7	89.5	89.8	90.3	90.6	90.6	90.7	90.8	90.9	91.0
GE 2000	57.1	61.2	73.9	73.9	87.1	88.7	91.5	92.3	92.6	93.1	93.5	93.5	93.6	93.7	93.7	93.9
GE 1800	57.1	61.2	74.0	74.0	87.3	88.8	91.6	92.5	92.7	93.3	93.6	93.7	93.8	93.8	93.9	94.0
GE 1500	57.6	61.7	74.7	74.7	88.3	90.0	92.9	93.8	94.0	94.6	94.9	95.0	95.1	95.2	95.2	95.4
GE 1200	57.8	62.0	75.0	75.0	88.9	90.6	93.6	94.5	94.7	95.3	95.7	95.7	95.8	95.9	95.9	96.1
GE 1000	58.0	62.2	75.4	75.4	89.4	91.3	94.4	95.3	95.5	96.2	96.5	96.6	96.7	96.8	96.8	97.0
GE 900	58.0	62.2	75.4	75.4	89.4	91.4	94.5	95.4	95.7	96.3	96.7	96.7	96.8	96.9	96.9	97.1
GE 800	58.1	62.3	75.5	75.5	89.6	91.5	94.7	95.7	95.9	96.6	96.9	96.9	97.1	97.1	97.2	97.4
GE 700	58.1	62.3	75.5	75.5	89.7	91.6	94.9	95.8	96.1	96.7	97.1	97.1	97.3	97.3	97.4	97.5
GE 600	58.1	62.3	75.5	75.5	89.8	91.8	95.0	96.0	96.2	96.9	97.2	97.3	97.4	97.5	97.6	97.7
GE 500	58.1	62.4	75.6	75.6	90.0	91.9	95.3	96.3	96.6	97.3	97.7	97.8	97.9	98.0	98.2	98.3
GE 400	58.1	62.4	75.6	75.6	90.0	92.0	95.4	96.5	96.8	97.6	98.0	98.1	98.3	98.3	98.5	98.7
GE 300	58.1	62.4	75.6	75.6	90.0	92.0	95.5	96.6	96.9	97.8	98.3	98.3	98.6	98.7	98.9	99.2
GE 200	58.1	62.4	75.6	75.6	90.0	92.0	95.5	96.6	97.0	97.9	98.3	98.4	98.8	98.9	99.2	99.6
GE 100	58.1	62.4	75.6	75.6	90.0	92.0	95.5	96.6	97.0	97.9	98.3	98.4	98.9	99.0	99.4	100.0
GE 000	58.1	62.4	75.6	75.6	90.0	92.0	95.5	96.6	97.0	97.9	98.3	98.4	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	47.0	49.2	61.8	61.8	76.6	77.5	79.6	80.5	80.7	81.2	81.3	81.3	81.5	81.6	82.0	82.3
GE 4500	47.9	50.2	62.8	62.8	77.7	78.6	80.7	81.6	81.8	82.3	82.4	82.4	82.6	82.7	83.1	83.4
GE 4000	49.3	51.8	65.3	65.3	80.3	81.2	83.3	84.2	84.4	84.9	85.0	85.0	85.2	85.3	85.6	86.0
GE 3500	50.2	52.7	66.5	66.5	81.7	82.6	84.7	85.6	85.9	86.3	86.4	86.4	86.6	86.7	87.1	87.4
GE 3000	51.7	54.5	68.9	68.9	85.6	86.5	89.0	89.9	90.1	90.5	90.6	90.6	90.9	91.0	91.3	91.6
GE 2500	52.1	54.9	69.7	69.7	87.1	88.0	90.6	91.6	91.9	92.3	92.4	92.4	92.7	92.8	93.1	93.4
GE 2000	52.9	55.7	70.8	70.8	89.0	89.9	92.5	93.7	93.9	94.4	94.5	94.5	94.8	94.9	95.2	95.5
GE 1800	52.9	55.7	70.8	70.8	89.0	89.9	92.5	93.7	93.9	94.4	94.5	94.5	94.8	94.9	95.2	95.5
GE 1500	53.0	55.8	71.2	71.2	89.4	90.3	93.3	94.4	94.7	95.2	95.3	95.3	95.5	95.7	96.0	96.3
GE 1200	53.1	55.9	71.3	71.3	89.6	90.5	93.7	94.8	95.0	95.5	95.7	95.7	96.0	96.1	96.4	96.8
GE 1000	53.1	55.9	71.6	71.6	90.1	91.0	94.5	95.8	96.0	96.7	97.0	97.0	97.3	97.4	97.8	98.1
GE 900	53.1	55.9	71.6	71.6	90.1	91.0	94.5	95.8	96.0	96.7	97.0	97.0	97.3	97.4	97.8	98.1
GE 800	53.1	55.9	71.6	71.6	90.2	91.1	94.7	96.1	96.3	97.0	97.3	97.3	97.7	97.8	98.1	98.4
GE 700	53.1	55.9	71.8	71.8	90.8	91.6	95.2	96.7	96.9	97.6	97.9	97.9	98.2	98.3	98.7	99.0
GE 600	53.1	55.9	71.8	71.8	90.8	91.6	95.2	96.7	96.9	97.6	97.9	97.9	98.2	98.3	98.7	99.0
GE 500	53.1	55.9	71.8	71.8	90.8	91.6	95.3	96.8	97.0	97.7	98.0	98.0	98.3	98.4	98.8	99.1
GE 400	53.1	55.9	71.8	71.8	90.8	91.6	95.3	96.8	97.0	97.7	98.0	98.0	98.3	98.4	98.8	99.1
GE 300	53.1	55.9	71.8	71.8	90.8	91.6	95.3	96.8	97.0	97.7	98.0	98.0	98.3	98.4	98.8	99.1
GE 200	53.1	55.9	71.8	71.8	90.8	91.6	95.3	96.8	97.0	97.7	98.2	98.2	98.6	98.7	99.0	99.7
GE 100	53.1	55.9	71.8	71.8	90.8	91.6	95.3	96.9	97.1	97.8	98.3	98.3	98.7	98.9	99.2	100.0
GE 000	53.1	55.9	71.8	71.8	90.8	91.6	95.3	96.9	97.1	97.8	98.3	98.3	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 898



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	40.8	42.7	55.2	55.2	68.7	70.9	73.6	75.4	76.1	76.3	76.7	76.8	77.7	77.7	78.0	79.7
GE 4500	41.0	42.9	55.4	55.4	69.1	71.3	74.1	76.0	76.7	76.9	77.2	77.3	78.2	78.2	78.6	80.2
GE 4000	41.9	44.1	57.6	57.6	71.2	73.4	76.3	78.2	78.9	79.1	79.4	79.6	80.4	80.4	80.8	82.4
GE 3500	42.7	44.9	58.8	58.8	72.7	74.9	77.8	79.7	80.3	80.6	80.9	81.0	81.9	81.9	82.2	83.9
GE 3000	44.7	46.9	62.2	62.2	76.7	79.0	82.2	84.1	84.8	85.0	85.3	85.4	86.3	86.3	86.7	88.3
GE 2500	45.0	47.2	62.8	62.8	77.3	79.9	83.4	85.3	86.0	86.2	86.6	86.7	87.6	87.6	87.9	89.6
GE 2000	45.2	47.4	63.4	63.4	78.9	81.4	85.2	87.1	87.8	88.0	88.3	88.4	89.3	89.3	89.7	91.3
GE 1800	45.2	47.4	63.4	63.4	78.9	81.4	85.3	87.2	87.9	88.1	88.4	88.6	89.4	89.4	89.8	91.4
GE 1500	45.6	47.8	64.1	64.1	79.8	82.4	86.7	88.9	89.6	89.9	90.3	90.4	91.3	91.3	91.7	93.3
GE 1200	45.6	47.8	64.2	64.2	79.9	82.6	86.9	89.2	89.9	90.4	91.0	91.1	92.1	92.1	92.4	94.1
GE 1000	45.7	47.9	64.4	64.4	80.7	83.3	88.2	90.8	91.4	92.0	92.6	92.7	93.7	93.7	94.0	95.7
GE 900	45.7	47.9	64.6	64.6	80.9	83.6	88.4	91.0	91.7	92.2	92.8	92.9	93.9	93.9	94.2	95.9
GE 800	45.7	47.9	64.6	64.6	80.9	83.7	88.6	91.6	92.2	92.8	93.4	93.6	94.6	94.6	94.9	96.6
GE 700	45.7	47.9	64.6	64.6	81.1	83.9	88.9	91.9	92.6	93.1	93.8	93.9	94.9	94.9	95.2	96.9
GE 600	45.7	47.9	64.6	64.6	81.1	83.9	88.9	91.9	92.6	93.1	93.8	93.9	94.9	94.9	95.2	96.9
GE 500	45.7	47.9	64.6	64.6	81.1	83.9	88.9	92.2	92.9	93.4	94.1	94.2	95.2	95.2	95.6	97.2
GE 400	45.7	47.9	64.6	64.6	81.1	83.9	88.9	92.2	92.9	93.7	94.3	94.7	95.7	95.7	96.0	97.7
GE 300	45.7	47.9	64.6	64.6	81.2	84.0	89.0	92.3	93.0	93.8	94.4	94.8	95.8	95.8	96.1	97.8
GE 200	45.7	47.9	64.6	64.6	81.2	84.0	89.0	92.3	93.0	93.8	94.4	94.8	95.8	95.8	96.1	98.2
GE 100	45.7	47.9	64.6	64.6	81.2	84.0	89.0	92.4	93.1	94.0	94.7	95.0	96.0	96.0	96.8	99.6
GE 000	45.7	47.9	64.6	64.6	81.2	84.0	89.0	92.4	93.1	94.0	94.7	95.0	96.0	96.0	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 06-08

CEILING		VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	36.0	37.3	51.8	51.8	63.3	65.1	68.9	70.6	71.1	72.3	73.3	74.0	74.9	75.1	75.8	77.1	
GE 4500	36.1	37.4	51.9	51.9	63.4	65.2	69.1	70.8	71.3	72.7	73.7	74.3	75.2	75.4	76.1	77.4	
GE 4000	37.6	39.0	53.9	53.9	65.7	67.4	71.3	73.0	73.6	74.9	75.9	76.6	77.4	77.7	78.4	79.8	
GE 3500	38.6	40.2	55.6	55.6	68.2	70.0	74.1	75.8	76.3	77.7	78.7	79.3	80.2	80.4	81.2	82.6	
GE 3000	40.3	42.0	58.4	58.4	72.2	74.1	78.6	80.3	81.0	82.4	83.4	84.1	85.0	85.2	86.1	87.4	
GE 2500	40.7	42.3	58.8	58.8	72.9	74.8	79.6	81.4	82.1	83.6	84.6	85.2	86.1	86.3	87.2	88.6	
GE 2000	40.8	42.6	59.3	59.3	73.9	75.8	80.8	82.7	83.3	84.8	85.9	86.6	87.6	87.8	88.9	90.2	
GE 1800	40.9	42.7	59.4	59.4	74.2	76.1	81.1	83.0	83.7	85.1	86.2	86.9	87.9	88.1	89.2	90.6	
GE 1500	41.1	42.9	59.7	59.7	74.9	77.0	82.3	84.2	84.9	86.3	87.4	88.1	89.1	89.3	90.4	91.8	
GE 1200	41.1	42.9	59.7	59.7	74.9	77.0	82.3	84.3	85.0	86.4	87.6	88.2	89.2	89.4	90.6	91.9	
GE 1000	41.3	43.1	60.0	60.0	75.7	77.8	83.7	86.2	86.9	88.3	89.4	90.1	91.1	91.3	92.4	93.8	
GE 900	41.3	43.1	60.0	60.0	75.7	77.8	83.7	86.2	86.9	88.3	89.4	90.1	91.1	91.3	92.4	93.8	
GE 800	41.3	43.1	60.0	60.0	75.7	77.8	83.7	86.7	87.3	88.8	89.9	90.6	91.6	91.8	92.9	94.2	
GE 700	41.3	43.1	60.0	60.0	75.7	77.9	84.0	87.2	87.9	89.3	90.4	91.1	92.1	92.3	93.4	94.8	
GE 600	41.3	43.1	60.0	60.0	75.8	78.0	84.1	87.6	88.2	89.7	90.8	91.4	92.4	92.7	93.8	95.1	
GE 500	41.3	43.1	60.0	60.0	75.9	78.1	84.6	88.0	88.8	90.2	91.3	92.0	93.0	93.2	94.3	95.9	
GE 400	41.3	43.1	60.1	60.1	76.0	78.2	84.7	88.2	89.1	90.6	91.8	92.4	93.6	93.8	94.9	96.6	
GE 300	41.3	43.1	60.1	60.1	76.0	78.2	84.7	88.2	89.2	90.8	92.0	92.7	93.8	94.0	95.1	97.1	
GE 200	41.3	43.1	60.1	60.1	76.0	78.2	84.7	88.2	89.2	90.8	92.3	93.0	94.3	94.6	95.7	98.6	
GE 100	41.3	43.1	60.1	60.1	76.0	78.2	84.7	88.2	89.2	90.8	92.3	93.0	94.3	94.6	96.1	99.8	
GE 000	41.3	43.1	60.1	60.1	76.0	78.2	84.7	88.2	89.2	90.8	92.3	93.0	94.3	94.6	96.1	100.0	
.....																	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	52.1	55.6	68.3	68.3	76.6	78.0	80.6	81.2	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500	52.2	55.7	68.6	68.6	76.9	78.3	81.0	81.7	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	53.9	57.8	70.9	70.9	79.6	81.0	83.8	84.4	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	54.9	58.8	71.9	71.9	80.9	82.3	85.1	85.8	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3000	56.4	60.4	74.4	74.4	85.0	86.6	89.7	90.3	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	56.6	60.6	74.8	74.8	85.4	87.0	90.3	91.0	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	57.3	61.4	75.9	75.9	86.7	88.2	91.6	92.2	92.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	57.3	61.4	76.0	76.0	87.0	88.6	91.9	92.6	92.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	57.7	61.8	76.6	76.6	88.3	89.9	93.4	94.1	94.3	94.9	95.0	95.0	95.0	95.0	95.1	95.1
GE 1200	57.7	61.8	76.6	76.6	88.3	90.0	93.6	94.3	94.6	95.1	95.2	95.2	95.2	95.2	95.3	95.3
GE 1000	57.8	61.9	76.7	76.7	88.6	90.8	94.9	95.9	96.1	96.7	96.8	96.8	96.8	96.8	96.9	96.9
GE 900	57.8	61.9	76.7	76.7	88.6	90.8	94.9	95.9	96.1	96.7	96.8	96.8	96.8	96.8	96.9	96.9
GE 800	57.8	61.9	76.7	76.7	88.8	91.0	95.1	96.1	96.3	96.9	97.0	97.0	97.0	97.0	97.1	97.1
GE 700	57.8	61.9	76.7	76.7	88.8	91.1	95.2	96.3	96.6	97.1	97.2	97.2	97.2	97.2	97.3	97.3
GE 600	57.8	61.9	76.7	76.7	88.8	91.1	95.2	96.6	96.8	97.4	97.6	97.6	97.6	97.6	97.7	97.7
GE 500	57.8	61.9	76.8	76.8	89.0	91.3	95.4	96.8	97.0	98.0	98.1	98.1	98.1	98.1	98.3	98.3
GE 400	57.8	61.9	76.8	76.8	89.0	91.3	95.4	97.1	97.6	98.6	98.7	98.7	98.7	98.8	99.1	99.1
GE 300	57.8	61.9	76.8	76.8	89.0	91.3	95.4	97.1	97.6	98.7	98.8	98.8	98.8	98.9	99.2	99.2
GE 200	57.8	61.9	76.8	76.8	89.0	91.3	95.4	97.1	97.6	98.8	99.0	99.0	99.2	99.3	99.7	99.7
GE 100	57.8	61.9	76.8	76.8	89.0	91.3	95.4	97.1	97.6	98.8	99.0	99.0	99.2	99.3	99.7	100.0
GE 000	57.8	61.9	76.8	76.8	89.0	91.3	95.4	97.1	97.6	98.8	99.0	99.0	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270      STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K      PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9      MONTH: SEP      HOURS: 12-14

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	66.6	70.3	78.0	78.0	82.1	82.4	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	66.7	70.6	78.2	78.2	82.3	82.7	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	68.2	72.1	80.0	80.0	84.6	85.0	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	69.7	73.7	81.9	81.9	86.6	87.0	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000	74.0	78.1	86.6	86.6	91.7	92.1	93.1	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	74.8	78.9	87.6	87.6	93.0	93.4	94.4	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	75.6	79.7	88.4	88.4	94.0	94.4	95.4	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	75.7	79.8	88.7	88.7	94.2	94.7	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	76.6	80.7	89.7	89.7	95.2	95.7	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	76.8	80.9	89.9	89.9	95.6	96.1	97.2	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	76.8	80.9	90.3	90.3	96.1	96.9	98.0	98.2	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 900	76.8	80.9	90.3	90.3	96.1	96.9	98.0	98.2	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 800	76.8	80.9	90.3	90.3	96.2	97.0	98.2	98.4	98.4	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 700	76.8	80.9	90.4	90.4	96.3	97.2	98.6	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	76.8	80.9	90.4	90.4	96.6	97.4	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	76.8	80.9	90.4	90.4	96.6	97.6	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	76.8	80.9	90.4	90.4	96.6	97.6	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	76.8	80.9	90.4	90.4	96.6	97.6	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	76.8	80.9	90.4	90.4	96.6	97.6	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	76.8	80.9	90.4	90.4	96.6	97.6	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 000	76.9	81.0	90.6	90.6	96.7	97.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS      900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	73.3	76.2	82.4	82.4	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	73.5	76.4	82.6	82.6	84.5	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4000	75.6	78.5	85.3	85.3	87.5	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	77.1	80.1	87.1	87.1	89.4	89.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	79.4	82.5	89.7	89.7	92.4	92.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	80.5	83.6	91.0	91.0	94.1	94.1	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	81.0	84.1	91.4	91.4	94.8	94.8	96.2	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	81.1	84.2	91.5	91.5	94.9	94.9	96.3	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	81.5	84.8	92.1	92.1	95.9	95.9	97.3	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	81.6	84.9	92.2	92.2	96.2	96.2	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	81.9	85.1	92.7	92.7	96.9	96.9	98.4	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	81.9	85.1	92.7	92.7	96.9	96.9	98.4	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	82.1	85.3	93.0	93.0	97.2	97.3	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	82.1	85.3	93.0	93.0	97.3	97.4	99.0	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	82.1	85.3	93.0	93.0	97.3	97.4	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	82.1	85.3	93.0	93.0	97.4	97.6	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.1	85.3	93.0	93.0	97.4	97.6	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.1	85.3	93.0	93.0	97.4	97.6	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.1	85.3	93.0	93.0	97.4	97.6	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.1	85.3	93.0	93.0	97.4	97.6	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.1	85.3	93.0	93.0	97.4	97.6	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: 18-20

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	67.7	70.5	79.5	79.5	84.8	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	69.1	72.0	81.0	81.0	86.2	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	70.7	74.0	83.2	83.2	88.5	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	72.3	75.6	85.1	85.1	90.5	90.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	74.1	77.5	87.5	87.5	93.8	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	74.7	78.2	88.8	88.8	95.3	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	75.1	78.5	89.2	89.2	95.9	96.3	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	75.1	78.5	89.2	89.2	95.9	96.3	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	75.2	78.8	89.5	89.5	96.7	97.2	97.9	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	75.2	78.8	89.5	89.5	96.7	97.2	97.9	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	75.2	78.8	89.7	89.7	97.4	98.0	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	75.2	78.8	89.7	89.7	97.4	98.0	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	75.2	78.8	89.7	89.7	97.6	98.3	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	75.2	78.8	89.7	89.7	97.6	98.3	99.0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	75.2	78.8	89.7	89.7	97.6	98.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	75.2	78.8	89.7	89.7	97.6	98.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.2	78.8	89.7	89.7	97.6	98.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.2	78.8	89.7	89.7	97.6	98.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.2	78.8	89.7	89.7	97.6	98.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.2	78.8	89.7	89.7	97.6	98.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.2	78.8	89.7	89.7	97.6	98.4	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMRER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	60.4	63.3	74.6	74.6	85.9	86.5	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 4500	61.1	64.0	75.4	75.4	86.8	87.4	87.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 4000	61.7	64.6	76.6	76.6	88.1	88.8	89.3	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8
GE 3500	63.1	66.2	78.6	78.6	90.1	90.8	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
GE 3000	64.8	68.3	81.2	81.2	93.8	94.4	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.6
GE 2500	65.5	69.0	82.1	82.1	95.0	95.7	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 2000	65.7	69.2	83.0	83.0	96.1	96.9	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 1800	65.9	69.3	83.1	83.1	96.2	97.0	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 1500	66.0	69.4	83.3	83.3	96.7	97.4	98.1	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 1200	66.0	69.4	83.3	83.3	96.8	97.6	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 1000	66.1	69.5	83.5	83.5	97.2	98.0	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 900	66.1	69.5	83.5	83.5	97.4	98.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 800	66.1	69.5	83.5	83.5	97.4	98.2	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 700	66.1	69.5	83.5	83.5	97.6	98.3	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 600	66.1	69.5	83.5	83.5	97.6	98.3	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 500	66.1	69.5	83.5	83.5	97.6	98.3	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	66.1	69.5	83.5	83.5	97.6	98.3	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	66.1	69.5	83.5	83.5	97.6	98.3	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	66.1	69.5	83.5	83.5	97.6	98.3	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	66.1	69.5	83.5	83.5	97.6	98.3	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	66.1	69.5	83.5	83.5	97.6	98.3	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	55.5	58.1	69.0	69.0	77.8	78.7	80.3	81.0	81.2	81.5	81.7	81.8	82.1	82.1	82.3	82.7
GE 4500	55.9	58.6	69.5	69.5	78.4	79.3	81.0	81.6	81.8	82.2	82.4	82.5	82.7	82.8	82.9	83.4
GE 4000	57.4	60.3	71.6	71.6	80.7	81.6	83.4	84.1	84.3	84.7	84.8	84.9	85.2	85.2	85.4	85.8
GE 3500	58.6	61.5	73.2	73.2	82.5	83.5	85.3	86.0	86.2	86.6	86.8	86.9	87.1	87.1	87.3	87.8
GE 3000	60.7	63.8	76.1	76.1	86.4	87.4	89.5	90.2	90.5	90.9	91.0	91.1	91.4	91.4	91.6	92.1
GE 2500	61.2	64.3	76.9	76.9	87.5	88.6	90.8	91.6	91.8	92.2	92.4	92.5	92.8	92.8	93.0	93.4
GE 2000	61.7	64.8	77.7	77.7	88.6	89.7	92.0	92.9	93.1	93.6	93.8	93.9	94.1	94.2	94.4	94.8
GE 1800	61.8	64.9	77.8	77.8	88.8	89.9	92.2	93.1	93.3	93.7	94.0	94.1	94.3	94.4	94.6	95.0
GE 1500	62.1	65.2	78.3	78.3	89.6	90.7	93.2	94.2	94.4	94.8	95.1	95.2	95.4	95.5	95.7	96.2
GE 1200	62.1	65.3	78.3	78.3	89.7	90.9	93.4	94.4	94.6	95.0	95.4	95.5	95.8	95.8	96.0	96.5
GE 1000	62.2	65.4	78.6	78.6	90.3	91.6	94.4	95.5	95.8	96.2	96.5	96.6	96.9	97.0	97.2	97.6
GE 900	62.2	65.4	78.6	78.6	90.4	91.6	94.5	95.6	95.8	96.3	96.6	96.7	97.0	97.0	97.3	97.7
GE 800	62.3	65.4	78.7	78.7	90.5	91.8	94.6	95.9	96.1	96.6	96.9	97.0	97.3	97.4	97.6	98.0
GE 700	62.3	65.4	78.7	78.7	90.6	92.0	94.9	96.2	96.4	96.9	97.2	97.3	97.6	97.6	97.9	98.3
GE 600	62.3	65.4	78.7	78.7	90.7	92.0	94.9	96.3	96.6	97.1	97.4	97.5	97.8	97.8	98.0	98.5
GE 500	62.3	65.4	78.7	78.7	90.7	92.1	95.1	96.6	96.8	97.4	97.7	97.7	98.1	98.1	98.3	98.8
GE 400	62.3	65.4	78.7	78.7	90.7	92.1	95.1	96.6	96.9	97.5	97.8	97.9	98.2	98.3	98.6	99.0
GE 300	62.2	65.4	78.7	78.7	90.8	92.1	95.2	96.7	97.0	97.6	97.9	98.0	98.3	98.4	98.6	99.1
GE 200	62.3	65.4	78.7	78.7	90.8	92.1	95.2	96.7	97.0	97.6	98.0	98.1	98.5	98.5	98.8	99.5
GE 100	62.3	65.4	78.7	78.7	90.8	92.1	95.2	96.7	97.0	97.6	98.0	98.1	98.5	98.6	98.9	99.9
GE 000	62.3	65.4	78.7	78.7	90.8	92.1	95.2	96.7	97.0	97.6	98.0	98.1	98.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7195



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 00-02

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
CF 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	40.9	43.7	59.2	59.2	75.8	77.5	80.4	82.3	82.5	83.2	83.7	83.7	84.7	84.9	85.3	86.1
GE 4500	41.5	44.4	60.0	60.0	76.5	78.2	81.1	83.0	83.3	83.9	84.4	84.4	85.4	85.6	86.1	86.8
GE 4000	43.2	46.2	62.0	62.0	78.5	80.3	83.2	85.1	85.3	86.1	86.6	86.6	87.6	87.8	88.2	88.9
GE 3500	43.3	46.5	63.0	63.0	80.3	82.1	85.1	87.0	87.2	88.0	88.5	88.5	89.5	89.7	90.1	90.9
GE 3000	45.5	48.6	65.6	65.6	84.2	86.1	89.2	91.1	91.3	92.1	92.6	92.6	93.6	93.8	94.2	95.0
GE 2500	45.8	48.9	65.9	65.9	84.5	86.4	89.5	91.4	91.6	92.4	92.9	92.9	93.9	94.1	94.5	95.3
GE 2000	46.2	49.5	67.0	67.0	85.8	87.7	90.9	92.8	93.0	93.8	94.3	94.3	95.3	95.5	95.9	96.7
GE 1800	46.4	49.6	67.1	67.1	85.9	87.8	91.0	92.9	93.1	93.9	94.4	94.4	95.4	95.6	96.0	96.8
GE 1500	46.5	49.7	67.3	67.3	86.2	88.0	91.2	93.1	93.3	94.2	94.7	94.7	95.7	96.0	96.5	97.2
GE 1200	46.5	49.7	67.3	67.3	86.2	88.1	91.5	93.5	93.7	94.6	95.3	95.3	96.2	96.6	97.0	97.7
GE 1000	46.6	49.8	67.4	67.4	86.7	88.6	92.2	94.1	94.3	95.3	95.9	95.9	96.9	97.2	97.6	98.4
GE 900	46.6	49.8	67.4	67.4	86.7	88.6	92.2	94.1	94.3	95.3	95.9	95.9	96.9	97.2	97.6	98.4
GE 800	46.6	49.8	67.4	67.4	86.7	88.6	92.2	94.1	94.3	95.3	95.9	95.9	96.9	97.2	97.6	98.4
GE 700	46.6	49.8	67.4	67.4	86.7	88.6	92.2	94.1	94.3	95.3	95.9	96.0	97.0	97.3	97.7	98.5
GE 600	46.6	49.8	67.4	67.4	86.7	88.6	92.2	94.4	94.6	95.6	96.2	96.4	97.3	97.6	98.1	98.8
GE 500	46.6	49.8	67.4	67.4	86.7	88.6	92.2	94.4	94.6	95.6	96.2	96.4	97.4	97.7	98.2	98.9
GE 400	46.6	49.8	67.4	67.4	86.7	88.6	92.2	94.4	94.6	95.6	96.2	96.4	97.4	97.7	98.2	98.9
GE 300	46.6	49.8	67.4	67.4	86.8	88.7	92.3	94.7	95.0	95.9	96.6	96.7	97.7	98.1	98.5	99.4
GE 200	46.6	49.8	67.4	67.4	86.9	88.8	92.4	94.8	95.1	96.1	96.8	96.9	98.1	98.4	98.8	99.9
GE 100	46.6	49.8	67.4	67.4	86.9	88.8	92.4	94.8	95.1	96.1	96.8	96.9	98.1	98.4	98.8	100.0
GE 000	46.6	49.8	67.4	67.4	86.9	88.8	92.4	94.8	95.1	96.1	96.8	96.9	98.1	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 932

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 03-05

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	37.5	39.8	52.8	52.8	64.8	67.2	71.7	74.0	74.0	75.1	75.6	75.7	76.7	77.0	77.8	80.5
GE 4500	38.0	40.3	53.4	53.4	65.4	67.7	72.2	74.5	74.5	75.7	76.1	76.2	77.3	77.5	78.3	81.0
GE 4000	39.5	42.0	55.1	55.1	67.3	69.7	74.2	76.5	76.5	77.7	78.1	78.2	79.3	79.5	80.4	83.1
GE 3500	40.0	42.4	55.6	55.6	68.5	71.0	75.7	78.0	78.0	79.2	79.6	79.7	80.8	81.0	81.9	84.6
GE 3000	42.6	45.0	58.7	58.7	72.9	75.3	80.3	82.6	82.6	83.8	84.2	84.4	85.4	85.6	86.5	89.2
GE 2500	43.0	45.7	59.6	59.6	73.7	76.2	81.1	83.5	83.5	84.7	85.2	85.5	86.6	86.8	87.7	90.4
GE 2000	43.2	45.9	59.9	59.9	74.4	77.0	82.1	84.6	84.6	85.7	86.3	86.6	87.7	87.9	88.7	91.4
GE 1800	43.2	45.9	59.9	59.9	74.4	77.0	82.1	84.6	84.6	85.7	86.3	86.6	87.7	87.9	88.7	91.4
GE 1500	43.2	45.9	59.9	59.9	74.4	77.0	82.3	84.8	84.8	86.0	86.5	86.8	87.9	88.1	89.0	91.7
GE 1200	43.3	46.0	60.0	60.0	74.5	77.1	82.7	85.2	85.2	86.4	86.9	87.2	88.3	88.5	89.4	92.2
GE 1000	43.4	46.1	60.2	60.2	74.8	77.5	83.3	85.7	85.7	86.9	87.6	87.9	89.1	89.3	90.1	92.9
GE 900	43.6	46.4	60.7	60.7	75.2	77.9	83.7	86.2	86.2	87.4	88.0	88.3	89.5	89.7	90.6	93.4
GE 800	43.7	46.5	60.8	60.8	75.3	78.2	84.0	86.5	86.5	87.7	88.3	88.6	89.8	90.0	90.9	93.7
GE 700	43.7	46.5	60.8	60.8	75.3	78.2	84.0	86.5	86.5	87.7	88.3	88.6	89.8	90.0	90.9	93.7
GE 600	43.7	46.5	60.8	60.8	75.3	78.2	84.0	86.7	86.7	87.9	88.5	88.9	90.0	90.2	91.1	93.9
GE 500	43.7	46.5	60.8	60.8	75.3	78.2	84.0	86.7	86.7	87.9	88.5	88.9	90.0	90.2	91.1	93.9
GE 400	43.7	46.5	60.8	60.8	75.3	78.2	84.0	86.7	86.7	88.1	88.7	89.2	90.4	90.6	91.6	94.4
GE 300	43.7	46.5	60.8	60.8	75.3	78.2	84.0	86.7	86.7	88.1	88.7	89.3	90.6	90.8	91.9	95.5
GE 200	43.7	46.5	60.8	60.8	75.3	78.2	84.2	86.9	86.9	88.4	89.1	89.7	91.0	91.2	93.0	98.3
GE 100	43.7	46.5	60.8	60.8	75.3	78.2	84.2	86.9	86.9	88.4	89.1	89.7	91.0	91.2	93.0	99.6
GE 000	43.7	46.5	60.8	60.8	75.3	78.2	84.2	86.9	86.9	88.4	89.1	89.7	91.0	91.2	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 933

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	32.4	34.0	47.1	47.1	59.3	62.4	66.2	68.1	68.5	70.6	71.4	71.7	72.9	73.5	74.7	79.1
GE 4500	32.6	34.2	47.5	47.5	59.8	63.1	67.0	68.8	69.2	71.4	72.1	72.5	73.6	74.3	75.5	79.8
GE 4000	34.5	36.1	49.7	49.7	62.4	65.8	70.0	71.9	72.3	74.5	75.2	75.6	76.7	77.4	78.6	83.0
GE 3500	35.0	36.7	50.6	50.6	63.5	66.9	71.2	73.1	73.5	75.7	76.4	76.7	77.9	78.6	79.7	84.1
GE 3000	36.8	38.4	52.7	52.7	66.1	69.6	74.4	76.3	76.7	78.9	79.6	80.0	81.1	81.8	83.1	87.5
GE 2500	37.1	38.7	53.3	53.3	66.9	70.4	75.2	77.2	77.6	79.7	80.5	80.8	82.0	82.7	84.0	88.4
GE 2000	37.2	38.8	53.5	53.5	67.3	70.8	75.9	77.9	78.3	80.5	81.2	81.6	82.9	83.6	85.1	89.5
GE 1800	37.2	38.8	53.5	53.5	67.3	70.8	75.9	77.9	78.3	80.5	81.2	81.6	82.9	83.6	85.1	89.5
GE 1500	37.4	39.0	53.8	53.8	67.7	71.4	76.4	78.6	79.0	81.5	82.2	82.5	83.8	84.6	86.1	90.5
GE 1200	37.4	39.0	53.9	53.9	68.2	71.8	76.8	79.1	79.5	82.0	82.7	83.1	84.4	85.1	86.6	91.1
GE 1000	37.4	39.0	53.9	53.9	68.2	72.0	77.1	79.3	79.7	82.5	83.3	83.6	85.0	85.9	87.4	92.0
GE 900	37.4	39.0	53.9	53.9	68.2	72.0	77.2	79.4	79.8	82.6	83.4	83.7	85.1	86.0	87.5	92.1
GE 800	37.4	39.0	53.9	53.9	68.2	72.0	77.2	79.4	79.8	82.6	83.4	83.7	85.1	86.0	87.5	92.1
GE 700	37.4	39.0	53.9	53.9	68.2	72.0	77.2	79.4	79.8	82.6	83.4	83.7	85.1	86.0	87.5	92.1
GE 600	37.4	39.0	53.9	53.9	68.2	72.0	77.2	79.4	80.0	82.7	83.5	83.9	85.3	86.2	87.7	92.3
GE 500	37.4	39.0	53.9	53.9	68.2	72.0	77.2	79.4	80.0	82.7	83.5	83.9	85.3	86.2	87.7	92.3
GE 400	37.4	39.0	53.9	53.9	68.2	72.0	77.4	79.6	80.2	83.1	83.8	84.4	85.9	86.8	88.6	93.6
GE 300	37.4	39.0	53.9	53.9	68.2	72.0	77.4	79.6	80.2	83.1	83.8	84.4	86.0	87.0	89.1	94.9
GE 200	37.4	39.0	53.9	53.9	68.2	72.0	77.4	79.6	80.2	83.1	83.8	84.4	86.0	87.1	89.8	98.2
GE 100	37.4	39.0	53.9	53.9	68.2	72.0	77.4	79.6	80.2	83.1	83.8	84.4	86.0	87.2	89.9	99.8
GE 000	37.4	39.0	53.9	53.9	68.2	72.0	77.4	79.6	80.2	83.1	83.8	84.4	86.0	87.2	89.9	100.0

TOTAL NUMBER OF OBSERVATIONS 933

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 09-11

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		45.1	47.8	61.1	61.1	74.5	77.1	80.3	81.7	81.9	82.7	83.2	83.3	83.5	83.5	83.5	84.6
GE 4500		45.4	48.2	61.6	61.6	75.3	77.8	81.1	82.5	82.7	83.4	84.0	84.1	84.3	84.3	84.3	85.4
GE 4000		46.0	48.9	62.7	62.7	76.9	79.5	82.8	84.2	84.4	85.2	85.7	85.8	86.0	86.0	86.0	87.1
GE 3500		46.3	49.2	63.3	63.3	77.8	80.4	83.8	85.2	85.4	86.1	86.7	86.8	87.0	87.0	87.0	88.1
GE 3000		47.7	50.9	65.8	65.8	81.3	83.9	87.4	88.9	89.1	89.9	90.6	90.9	91.1	91.1	91.1	92.2
GE 2500		48.0	51.1	66.1	66.1	81.8	84.5	88.1	89.6	89.8	90.5	91.3	91.5	91.7	91.7	91.7	92.8
GE 2000		48.1	51.2	66.2	66.2	82.0	84.8	88.7	90.3	90.5	91.3	92.0	92.3	92.5	92.5	92.5	93.5
GE 1800		48.1	51.2	66.2	66.2	82.0	84.8	88.7	90.3	90.5	91.3	92.0	92.3	92.5	92.5	92.5	93.5
GE 1500		48.3	51.4	66.5	66.5	82.3	85.1	89.0	90.8	91.0	92.0	92.9	93.1	93.4	93.4	93.4	94.5
GE 1200		48.3	51.4	66.5	66.5	82.6	85.5	89.5	91.2	91.4	92.5	93.3	93.5	93.9	93.9	93.9	94.9
GE 1000		48.4	51.5	66.6	66.6	82.8	85.7	90.0	91.8	92.0	93.1	94.0	94.2	94.5	94.5	94.5	95.6
GE 900		48.4	51.5	66.6	66.6	82.8	85.7	90.0	91.8	92.0	93.1	94.0	94.2	94.5	94.5	94.5	95.6
GE 800		48.5	51.6	66.7	66.7	82.9	85.8	90.2	92.0	92.4	93.4	94.3	94.5	94.8	94.8	94.8	95.9
GE 700		48.5	51.6	66.7	66.7	83.0	86.0	90.5	92.4	92.8	93.9	94.7	94.9	95.3	95.3	95.3	96.3
GE 600		48.5	51.6	66.7	66.7	83.0	86.0	90.5	92.5	92.9	94.0	94.8	95.1	95.4	95.4	95.5	96.6
GE 500		48.5	51.6	66.7	66.7	83.0	86.0	90.9	92.8	93.3	94.5	95.4	95.6	95.9	96.0	96.2	97.4
GE 400		48.5	51.6	66.7	66.7	83.0	86.0	90.9	92.9	93.4	94.7	95.6	95.8	96.1	96.3	96.6	98.0
GE 300		48.5	51.6	66.7	66.7	83.0	86.0	90.9	92.9	93.5	95.1	95.9	96.1	96.6	97.0	97.4	99.1
GE 200		48.5	51.6	66.7	66.7	83.0	86.0	90.9	92.9	93.5	95.1	95.9	96.2	96.7	97.1	97.7	99.6
GE 100		48.5	51.6	66.7	66.7	83.0	86.0	90.9	92.9	93.5	95.1	95.9	96.2	96.7	97.1	97.7	100.0
GE 000		48.5	51.6	66.7	66.7	83.0	86.0	90.9	92.9	93.5	95.1	95.9	96.2	96.7	97.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 12-14

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	64.8	69.9	79.8	79.8	86.1	87.0	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	65.2	70.2	80.1	80.1	86.5	87.3	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4000	66.5	71.6	81.7	81.7	88.3	89.1	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	67.5	72.7	83.1	83.1	89.7	90.9	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	71.1	76.7	87.5	87.5	94.6	95.8	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	71.1	76.7	87.5	87.5	95.2	96.3	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	71.1	76.7	87.5	87.5	95.2	96.3	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	71.1	76.7	87.5	87.5	95.2	96.3	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	71.3	76.9	87.7	87.7	95.5	96.8	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	71.3	76.9	87.7	87.7	95.6	96.9	97.7	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	71.4	77.0	87.8	87.8	96.2	97.5	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	71.4	77.0	87.8	87.8	96.2	97.5	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	71.4	77.0	87.8	87.8	96.3	97.6	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	71.4	77.0	87.8	87.8	96.3	97.6	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	71.4	77.0	87.8	87.8	96.3	97.6	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	71.4	77.0	87.8	87.8	96.3	97.6	98.5	99.1	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6
GE 400	71.4	77.0	87.8	87.8	96.3	97.6	98.6	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	71.4	77.0	87.8	87.8	96.3	97.6	98.6	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	71.4	77.0	87.8	87.8	96.3	97.6	98.6	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	71.4	77.0	87.8	87.8	96.3	97.6	98.6	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	71.4	77.0	87.8	87.8	96.3	97.6	98.6	99.4	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 15-17

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL.																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	75.7	81.8	87.3	87.3	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
GE 4500	76.2	82.4	87.8	87.8	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
GE 4000	77.3	83.5	89.2	89.2	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 3500	77.7	84.0	89.7	89.7	92.0	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 3000	79.6	86.5	92.3	92.3	94.8	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 2500	79.6	86.6	92.5	92.5	95.7	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 2000	79.8	86.9	92.9	92.9	96.1	96.9	97.5	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 1800	79.8	86.9	92.9	92.9	96.1	96.9	97.5	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 1500	79.8	86.9	92.9	92.9	96.1	97.0	97.7	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1200	79.9	87.0	93.0	93.0	96.2	97.1	97.8	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 1000	79.9	87.0	93.2	93.2	96.6	97.5	98.4	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 900	79.9	87.0	93.2	93.2	96.6	97.5	98.4	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	79.9	87.0	93.2	93.2	96.6	97.5	98.4	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	79.9	87.0	93.2	93.2	96.6	97.5	98.4	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 600	79.9	87.0	93.3	93.3	96.8	97.7	98.6	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 500	79.9	87.0	93.3	93.3	96.8	97.7	98.8	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	79.9	87.0	93.3	93.3	96.8	97.7	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	79.9	87.0	93.3	93.3	96.8	97.7	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	79.9	87.0	93.3	93.3	96.8	97.7	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	79.9	87.0	93.3	93.3	96.8	97.7	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	79.9	87.0	93.3	93.3	96.8	97.7	99.0	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	68.1	73.3	85.7	85.7	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	68.8	74.2	86.6	86.6	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4000	69.5	74.8	87.2	87.2	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500	69.5	74.8	87.2	87.2	91.1	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	72.2	77.6	90.3	90.3	94.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	72.4	78.0	90.8	90.8	94.9	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	72.4	78.0	90.9	90.9	95.2	96.2	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	72.4	78.0	90.9	90.9	95.2	96.2	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	72.6	78.2	91.1	91.1	95.5	97.0	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	72.7	78.3	91.5	91.5	95.9	97.4	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	72.7	78.3	91.5	91.5	96.0	97.5	98.5	98.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	72.7	78.3	91.5	91.5	96.0	97.5	98.5	98.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	72.7	78.3	91.5	91.5	96.0	97.5	98.5	98.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	72.7	78.3	91.5	91.5	96.0	97.5	98.5	98.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	72.7	78.3	91.5	91.5	96.0	97.5	98.5	98.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	72.7	78.3	91.5	91.5	96.0	97.5	98.5	98.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	72.7	78.3	91.5	91.5	96.1	97.6	98.7	99.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	72.8	78.4	91.6	91.6	96.2	97.7	98.8	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.8	78.4	91.6	91.6	96.2	97.7	98.8	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.8	78.4	91.6	91.6	96.2	97.7	98.8	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	72.8	78.4	91.6	91.6	96.2	97.7	98.8	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	56.9	59.4	76.0	76.0	88.7	89.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 4500	57.4	60.0	76.6	76.6	89.3	90.3	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
GE 4000	58.2	60.8	77.4	77.4	90.1	91.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
GE 3500	58.3	60.9	77.8	77.8	90.8	91.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 3000	60.3	62.9	80.9	80.9	94.3	95.3	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 2500	60.3	62.9	80.9	80.9	94.3	95.3	96.4	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 2000	60.3	62.9	81.1	81.1	94.6	95.8	97.3	97.5	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7
GE 1800	60.3	62.9	81.1	81.1	94.6	95.8	97.3	97.5	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7
GE 1500	60.7	63.4	81.6	81.6	95.3	96.4	98.0	98.2	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4
GE 1200	60.8	63.5	82.0	82.0	95.8	97.1	98.6	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2
GE 1000	60.8	63.5	82.0	82.0	95.9	97.2	98.7	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4
GE 900	60.8	63.5	82.0	82.0	95.9	97.2	98.7	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4
GE 800	60.8	63.5	82.0	82.0	95.9	97.2	98.7	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4
GE 700	60.9	63.6	82.1	82.1	96.0	97.3	98.8	99.2	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5
GE 600	60.9	63.6	82.1	82.1	96.0	97.3	98.9	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6
GE 500	60.9	63.6	82.1	82.1	96.0	97.3	98.9	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6
GE 400	60.9	63.6	82.1	82.1	96.1	97.4	99.2	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0	100.0
GE 300	60.9	63.6	82.1	82.1	96.1	97.4	99.2	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0	100.0
GE 200	60.9	63.6	82.1	82.1	96.1	97.4	99.2	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0	100.0
GE 100	60.9	63.6	82.1	82.1	96.1	97.4	99.2	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0	100.0
GE 000	60.9	63.6	82.1	82.1	96.1	97.4	99.2	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	52.6	56.2	68.6	68.6	78.5	80.1	82.1	83.1	83.2	83.8	84.1	84.1	84.6	84.7	85.0	86.1
GE 4500	53.1	56.7	69.2	69.2	79.1	80.7	82.8	83.7	83.8	84.4	84.7	84.8	85.2	85.4	85.7	86.8
GE 4000	54.3	58.0	70.6	70.6	80.8	82.3	84.4	85.4	85.5	86.1	86.4	86.5	86.9	87.1	87.4	88.5
GE 3500	54.7	58.4	71.3	71.3	81.7	83.4	85.5	86.6	86.7	87.3	87.6	87.6	88.1	88.2	88.5	89.7
GE 3000	56.9	60.8	74.2	74.2	85.3	87.1	89.4	90.5	90.6	91.2	91.5	91.6	92.1	92.2	92.5	93.6
GE 2500	57.1	61.0	74.6	74.6	85.9	87.7	90.1	91.2	91.3	91.9	92.2	92.3	92.8	92.9	93.2	94.4
GE 2000	57.3	61.2	74.9	74.9	86.3	88.2	90.8	92.0	92.1	92.7	93.0	93.2	93.6	93.8	94.1	95.2
GE 1800	57.3	61.2	74.9	74.9	86.3	88.2	90.8	92.0	92.1	92.7	93.1	93.2	93.6	93.8	94.1	95.3
GE 1500	57.4	61.4	75.1	75.1	86.6	88.6	91.3	92.5	92.6	93.3	93.7	93.8	94.3	94.4	94.8	95.9
GE 1200	57.5	61.4	75.2	75.2	86.9	88.9	91.6	92.9	93.0	93.8	94.1	94.3	94.7	94.9	95.2	96.4
GE 1000	57.5	61.5	75.3	75.3	87.1	89.2	92.0	93.3	93.4	94.3	94.7	94.8	95.3	95.5	95.8	97.0
GE 900	57.6	61.5	75.4	75.4	87.2	89.2	92.1	93.4	93.5	94.3	94.7	94.9	95.4	95.6	95.9	97.1
GE 800	57.6	61.6	75.4	75.4	87.2	89.3	92.2	93.5	93.6	94.4	94.8	95.0	95.5	95.6	96.0	97.2
GE 700	57.6	61.6	75.4	75.4	87.3	89.3	92.3	93.5	93.7	94.5	94.9	95.0	95.6	95.7	96.1	97.2
GE 600	57.6	61.6	75.4	75.4	87.3	89.4	92.3	93.6	93.8	94.6	95.0	95.2	95.7	95.9	96.2	97.4
GE 500	57.6	61.6	75.4	75.4	87.3	89.4	92.4	93.7	93.9	94.7	95.2	95.3	95.9	96.1	96.4	97.6
GE 400	57.6	61.6	75.4	75.4	87.3	89.4	92.5	93.9	94.1	95.0	95.5	95.7	96.2	96.4	96.9	98.1
GE 300	57.6	61.6	75.4	75.4	87.3	89.4	92.5	93.9	94.1	95.1	95.6	95.8	96.3	96.6	97.1	98.6
GE 200	57.6	61.6	75.4	75.4	87.3	89.4	92.6	94.0	94.2	95.2	95.6	95.9	96.5	96.7	97.4	99.5
GE 100	57.6	61.6	75.4	75.4	87.3	89.4	92.6	94.0	94.2	95.2	95.6	95.9	96.5	96.7	97.4	99.9
GE 000	57.6	61.6	75.4	75.4	87.3	89.4	92.6	94.0	94.2	95.2	95.6	95.9	96.5	96.7	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7446

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 00-02

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	45.5	47.3	58.0	58.0	72.3	73.5	75.6	76.4	76.4	76.8	77.4	77.4	78.2	78.3	78.8	80.5
GE 4500	46.8	49.0	59.8	59.8	74.4	75.7	77.7	78.5	78.5	79.0	79.5	79.5	80.3	80.5	80.9	82.7
GE 4000	49.4	51.6	63.3	63.3	78.6	79.9	81.9	82.7	82.7	83.2	83.8	83.8	84.5	84.7	85.1	86.9
GE 3500	51.0	53.3	65.5	65.5	81.0	82.3	84.3	85.1	85.1	85.6	86.1	86.1	86.9	87.0	87.5	89.3
GE 3000	53.3	55.7	69.0	69.0	85.3	86.6	88.6	89.4	89.4	89.9	90.5	90.5	91.3	91.4	91.9	93.8
GE 2500	54.0	56.4	70.0	70.0	86.6	87.8	89.9	90.7	90.7	91.1	91.7	91.7	92.5	92.6	93.2	95.0
GE 2000	54.4	56.8	71.0	71.0	88.0	89.4	91.5	92.3	92.3	92.7	93.3	93.3	94.1	94.2	94.8	96.7
GE 1800	54.4	56.8	71.0	71.0	88.1	89.5	91.6	92.4	92.4	92.8	93.4	93.4	94.2	94.3	94.9	96.8
GE 1500	54.5	56.9	71.3	71.3	88.6	90.1	92.5	93.3	93.3	93.8	94.3	94.3	95.1	95.2	95.8	98.0
GE 1200	54.5	56.9	71.3	71.3	88.8	90.2	92.6	93.4	93.4	93.9	94.4	94.4	95.3	95.5	96.0	98.2
GE 1000	54.5	56.9	71.3	71.3	88.8	90.2	92.7	93.5	93.5	94.0	94.5	94.5	95.5	95.6	96.1	98.3
GE 900	54.5	56.9	71.3	71.3	88.8	90.2	92.7	93.5	93.5	94.0	94.5	94.5	95.5	95.6	96.1	98.3
GE 800	54.5	56.9	71.3	71.3	88.8	90.3	92.8	93.6	93.6	94.1	94.7	94.7	95.6	95.7	96.3	98.4
GE 700	54.5	56.9	71.3	71.3	88.8	90.3	92.8	93.6	93.6	94.1	94.7	94.7	95.6	95.7	96.3	98.4
GE 600	54.5	56.9	71.3	71.3	88.8	90.3	92.8	93.6	93.6	94.1	94.7	94.7	95.6	95.7	96.3	98.4
GE 500	54.5	56.9	71.3	71.3	88.8	90.3	92.8	93.8	93.8	94.2	94.8	94.8	95.7	95.8	96.4	98.5
GE 400	54.5	56.9	71.3	71.3	88.8	90.5	93.0	94.0	94.0	94.4	95.0	95.0	95.9	96.0	96.6	99.0
GE 300	54.5	56.9	71.3	71.3	88.8	90.5	93.0	94.1	94.1	94.5	95.1	95.1	96.0	96.1	96.7	99.1
GE 200	54.5	56.9	71.3	71.3	88.8	90.5	93.0	94.1	94.1	94.5	95.1	95.1	96.0	96.1	96.7	99.5
GE 100	54.5	56.9	71.3	71.3	88.8	90.5	93.0	94.1	94.1	94.5	95.1	95.1	96.0	96.1	96.7	99.9
GE 000	54.5	56.9	71.3	71.3	88.8	90.5	93.0	94.1	94.1	94.5	95.1	95.1	96.0	96.1	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 880

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: NOV HOURS: 03-05

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	43.1	44.4	53.8	53.8	64.2	65.9	68.2	70.2	70.3	70.7	71.2	71.2	72.0	72.4	72.8	75.9
GE 4500	44.2	45.5	54.9	54.9	65.6	67.3	69.7	71.6	71.8	72.2	72.7	72.7	73.4	73.9	74.2	77.4
GE 4000	46.9	48.2	57.7	57.7	69.8	71.5	73.9	75.8	75.9	76.4	76.8	76.8	77.6	78.1	78.4	81.6
GE 3500	47.9	49.5	59.8	59.8	72.2	74.1	76.5	78.4	78.5	79.0	79.4	79.4	80.2	80.7	81.0	84.2
GE 3000	50.4	52.1	63.1	63.1	77.7	79.7	82.3	84.2	84.3	84.9	85.3	85.3	86.1	86.6	86.9	90.3
GE 2500	51.2	52.9	64.1	64.1	79.3	81.4	84.1	86.0	86.1	86.7	87.1	87.1	87.9	88.4	88.7	92.1
GE 2000	51.6	53.3	64.5	64.5	80.2	82.4	85.1	87.1	87.2	87.8	88.2	88.2	89.0	89.5	89.8	93.2
GE 1800	51.6	53.3	64.5	64.5	80.2	82.4	85.1	87.1	87.2	87.8	88.2	88.2	89.0	89.5	89.8	93.2
GE 1500	51.8	53.4	64.6	64.6	81.0	83.2	86.0	88.1	88.2	88.8	89.3	89.3	90.1	90.5	90.8	94.5
GE 1200	52.1	53.8	65.0	65.0	81.5	83.6	86.4	88.6	88.7	89.3	89.7	89.7	90.5	91.0	91.3	94.9
GE 1000	52.1	53.8	65.2	65.2	81.7	83.8	86.8	88.9	89.0	89.6	90.3	90.3	91.2	91.6	92.0	95.6
GE 900	52.1	53.8	65.2	65.2	81.8	84.0	86.9	89.0	89.2	89.7	90.4	90.4	91.3	91.8	92.1	95.7
GE 800	52.1	53.8	65.2	65.2	82.0	84.2	87.1	89.3	89.4	89.9	90.6	90.6	91.5	92.0	92.3	95.9
GE 700	52.1	53.8	65.2	65.2	82.0	84.2	87.3	89.5	89.6	90.2	90.8	90.8	91.8	92.2	92.5	96.2
GE 600	52.1	53.8	65.2	65.2	82.0	84.2	87.3	89.5	89.6	90.2	90.8	90.8	91.8	92.2	92.5	96.2
GE 500	52.1	53.8	65.2	65.2	82.0	84.2	87.3	89.6	89.7	90.3	91.0	91.0	91.9	92.3	92.7	96.3
GE 400	52.1	53.8	65.2	65.2	82.1	84.3	87.5	89.7	89.8	90.4	91.1	91.1	92.0	92.4	92.9	97.1
GE 300	52.1	53.8	65.2	65.2	82.1	84.3	87.5	89.8	89.9	90.6	91.3	91.3	92.3	92.8	93.2	97.5
GE 200	52.1	53.8	65.2	65.2	82.1	84.3	87.5	89.8	89.9	90.6	91.3	91.3	92.3	92.8	93.3	98.6
GE 100	52.1	53.8	65.2	65.2	82.1	84.3	87.5	89.8	89.9	90.6	91.3	91.3	92.3	92.8	93.3	99.8
GE 000	52.1	53.8	65.2	65.2	82.1	84.3	87.5	89.8	89.9	90.6	91.3	91.3	92.3	92.8	93.3	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 06-08

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	37.5	38.9	47.4	47.4	58.8	61.7	65.2	67.1	67.4	68.2	69.2	69.4	70.1	70.2	70.6	74.5
GE 4500	38.4	39.9	48.5	48.5	60.3	63.3	66.8	68.7	69.0	69.8	70.8	70.9	71.7	71.8	72.1	76.1
GE 4000	40.9	42.6	51.6	51.6	63.8	66.9	70.6	72.5	72.8	73.7	74.7	74.8	75.7	75.8	76.2	80.1
GE 3500	42.1	43.7	53.2	53.2	66.3	69.6	73.4	75.4	75.7	76.6	77.6	77.7	78.6	78.7	79.1	83.0
GE 3000	45.2	47.1	58.2	58.2	72.8	76.2	80.3	82.7	83.0	83.9	85.0	85.1	86.1	86.4	86.7	90.6
GE 2500	45.6	47.5	59.2	59.2	73.9	77.3	81.8	84.1	84.5	85.3	86.5	86.6	87.6	87.8	88.1	92.1
GE 2000	46.1	48.0	59.8	59.8	75.2	78.6	83.2	85.7	86.0	86.9	88.0	88.1	89.1	89.4	89.8	93.7
GE 1800	46.1	48.0	59.8	59.8	75.2	78.6	83.2	85.7	86.0	86.9	88.0	88.1	89.1	89.4	89.8	93.7
GE 1500	46.2	48.1	60.2	60.2	75.6	79.3	84.1	86.6	86.9	87.8	88.9	89.0	90.0	90.3	90.7	94.6
GE 1200	46.2	48.1	60.5	60.5	76.0	79.6	84.5	86.9	87.2	88.1	89.4	89.5	90.5	90.7	91.2	95.1
GE 1000	46.2	48.1	60.5	60.5	76.0	79.6	84.5	87.1	87.5	88.4	89.6	89.7	90.8	91.1	91.5	95.4
GE 900	46.2	48.1	60.5	60.5	76.1	79.8	84.6	87.2	87.6	88.5	89.7	89.8	90.9	91.2	91.6	95.5
GE 800	46.2	48.1	60.5	60.5	76.1	79.8	84.6	87.4	87.7	88.6	89.8	89.9	91.1	91.3	91.7	95.6
GE 700	46.2	48.1	60.5	60.5	76.1	79.8	84.6	87.4	87.7	88.6	89.8	89.9	91.1	91.3	91.7	95.6
GE 600	46.2	48.1	60.5	60.5	76.1	79.8	84.6	87.4	87.7	88.6	89.8	89.9	91.1	91.3	91.7	95.6
GE 500	46.2	48.1	60.6	60.6	76.2	79.9	84.8	87.7	88.0	89.0	90.3	90.4	91.5	91.7	92.2	96.1
GE 400	46.2	48.1	60.6	60.6	76.2	79.9	84.8	87.7	88.0	89.0	90.3	90.4	91.5	91.8	92.3	97.1
GE 300	46.2	48.1	60.6	60.6	76.2	79.9	84.8	87.7	88.0	89.0	90.3	90.4	91.5	91.8	92.3	97.4
GE 200	46.2	48.1	60.6	60.6	76.2	79.9	84.8	87.7	88.0	89.0	90.3	90.4	91.5	91.8	92.3	98.8
GE 100	46.2	48.1	60.6	60.6	76.2	79.9	84.8	87.7	88.0	89.0	90.3	90.4	91.5	91.8	92.3	99.7
GE 000	46.2	48.1	60.6	60.6	76.2	79.9	84.8	87.7	88.0	89.0	90.3	90.4	91.5	91.8	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	37.7	40.7	53.9	53.9	66.8	69.2	72.5	73.8	74.3	75.2	76.0	76.2	76.9	77.1	77.2	78.6
GE 4500	38.0	41.2	54.4	54.4	67.3	69.8	73.1	74.4	74.9	75.8	76.5	76.8	77.4	77.7	77.8	79.1
GE 4000	40.3	43.5	57.2	57.2	70.7	73.6	77.3	78.8	79.2	80.1	80.9	81.1	81.8	82.0	82.2	83.5
GE 3500	41.9	45.1	59.5	59.5	73.1	76.0	79.8	81.3	81.7	82.7	83.5	83.7	84.4	84.6	84.7	86.2
GE 3000	43.1	46.4	61.2	61.2	76.4	79.7	84.0	85.5	86.1	87.1	88.1	88.3	89.0	89.2	89.3	90.8
GE 2500	43.5	46.8	62.1	62.1	77.9	81.4	85.7	87.7	88.2	89.2	90.2	90.5	91.1	91.4	91.5	92.9
GE 2000	44.1	47.4	62.9	62.9	78.7	82.2	86.6	88.8	89.3	90.5	91.5	91.7	92.4	92.6	92.7	94.2
GE 1800	44.1	47.4	62.9	62.9	78	82.2	86.6	88.8	89.3	90.5	91.5	91.7	92.4	92.6	92.7	94.2
GE 1500	44.1	47.4	63.0	63.0	79	82.6	87.4	89.6	90.1	91.2	92.3	92.5	93.2	93.5	93.6	95.1
GE 1200	44.3	47.6	63.2	63.2	79.3	82.8	87.7	89.8	90.3	91.5	92.5	92.7	93.4	93.7	93.8	95.3
GE 1000	44.3	47.6	63.2	63.2	79.5	83.1	88.0	90.1	90.7	91.8	92.8	93.0	93.8	94.2	94.3	95.7
GE 900	44.3	47.6	63.2	63.2	79.5	83.1	88.0	90.1	90.7	91.8	92.8	93.0	93.8	94.2	94.3	95.7
GE 800	44.3	47.6	63.2	63.2	79.5	83.1	88.0	90.1	90.7	91.9	92.9	93.2	93.9	94.3	94.4	95.8
GE 700	44.3	47.6	63.2	63.2	79.5	83.1	88.0	90.1	90.7	91.9	93.0	93.3	94.1	94.4	94.5	96.0
GE 600	44.3	47.6	63.2	63.2	79.5	83.1	88.2	90.5	91.0	92.3	93.4	93.6	94.4	94.7	94.8	96.4
GE 500	44.3	47.6	63.2	63.2	79.5	83.1	88.2	90.6	91.1	92.6	93.7	93.9	94.7	95.1	95.2	97.1
GE 400	44.3	47.6	63.3	63.3	79.6	83.2	88.3	90.7	91.2	92.7	93.8	94.1	94.8	95.3	95.5	97.5
GE 300	44.3	47.6	63.3	63.3	79.6	83.2	88.3	90.7	91.2	92.8	94.1	94.3	95.2	95.6	96.0	98.5
GE 200	44.3	47.6	63.3	63.3	79.6	83.2	88.3	90.7	91.2	92.8	94.1	94.4	95.3	95.7	96.2	99.7
GE 100	44.3	47.6	63.3	63.3	79.6	83.2	88.3	90.7	91.2	92.8	94.1	94.4	95.3	95.7	96.2	100.0
GE 000	44.3	47.6	63.3	63.3	79.6	83.2	88.3	90.7	91.2	92.8	94.1	94.4	95.3	95.7	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	55.1	57.7	69.2	69.2	77.4	78.5	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4500	55.6	58.2	69.8	69.8	78.0	79.0	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	58.6	61.4	73.6	73.6	82.6	83.6	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	61.2	64.1	76.5	76.5	85.5	86.5	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3000	63.4	66.3	80.1	80.1	90.7	91.8	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	63.9	66.8	80.8	80.9	91.4	92.5	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	64.5	67.5	81.6	81.6	92.5	93.6	95.4	96.2	96.2	96.4	96.4	96.4	96.5	96.6	96.6	96.6
GE 1800	64.5	67.5	81.6	81.6	92.5	93.6	95.4	96.2	96.2	96.4	96.4	96.4	96.5	96.6	96.6	96.6
GE 1500	65.1	68.0	82.2	82.2	93.5	94.6	96.5	97.3	97.3	97.5	97.5	97.5	97.6	97.8	97.8	97.8
GE 1200	65.2	68.1	82.3	82.3	93.7	94.8	97.0	97.8	97.8	98.0	98.0	98.0	98.1	98.2	98.2	98.2
GE 1000	65.2	68.1	82.3	82.3	93.7	94.8	97.1	98.0	98.0	98.2	98.2	98.2	98.3	98.4	98.4	98.4
GE 900	65.2	68.1	82.3	82.3	93.7	94.8	97.1	98.0	98.0	98.2	98.2	98.2	98.3	98.4	98.4	98.4
GE 800	65.2	68.1	82.3	82.3	93.7	94.8	97.1	98.0	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.5
GE 700	65.2	68.1	82.3	82.3	93.7	94.8	97.2	98.2	98.2	98.4	98.7	98.7	98.8	98.9	98.9	98.9
GE 600	65.2	68.1	82.3	82.3	93.7	94.8	97.2	98.2	98.2	98.5	98.8	98.9	99.0	99.1	99.1	99.1
GE 500	65.3	68.2	82.4	82.4	93.9	95.1	97.4	98.4	98.5	98.9	99.1	99.2	99.3	99.4	99.4	99.6
GE 400	65.3	68.2	82.4	82.4	93.9	95.1	97.4	98.4	98.5	99.0	99.4	99.6	99.7	99.8	99.8	99.9
GE 300	65.3	68.2	82.4	82.4	93.9	95.1	97.4	98.4	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0
GE 200	65.3	68.2	82.4	82.4	93.9	95.1	97.4	98.4	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0
GE 100	65.3	68.2	82.4	82.4	93.9	95.1	97.4	98.4	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0
GE 000	65.3	68.2	82.4	82.4	93.9	95.1	97.4	98.4	98.5	99.0	99.6	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	64.4	68.0	77.0	77.0	81.0	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	64.8	68.5	77.6	77.6	81.6	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	67.3	71.1	81.0	81.0	85.0	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	70.4	74.6	84.4	84.4	88.5	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	73.6	78.1	88.7	88.7	93.4	93.6	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	74.1	78.6	89.5	89.5	94.2	94.4	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	74.6	79.1	89.9	89.9	95.5	95.7	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	74.8	79.3	90.1	90.1	95.7	96.0	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	74.9	79.4	90.4	90.4	96.3	96.5	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	74.9	79.4	90.4	90.4	96.4	96.6	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	75.1	79.6	90.6	90.6	96.6	96.9	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	75.1	79.6	90.6	90.6	96.6	96.9	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	75.4	79.8	90.8	90.8	97.1	97.4	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	75.4	79.8	90.8	90.8	97.1	97.4	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	75.4	79.8	90.8	90.8	97.1	97.4	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	75.4	79.8	90.8	90.8	97.1	97.5	98.4	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	75.4	79.8	90.8	90.8	97.1	97.5	98.4	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	75.4	79.8	90.9	90.9	97.2	97.6	98.5	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	75.4	79.8	90.9	90.9	97.2	97.6	98.5	99.1	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	75.4	79.8	90.9	90.9	97.2	97.6	98.5	99.1	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	75.4	79.8	90.9	90.9	97.2	97.6	98.5	99.1	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	54.0	57.4	71.1	71.1	80.6	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5
GE 4500	55.4	59.0	72.7	72.7	82.2	82.4	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 4000	57.7	61.5	76.3	76.3	86.1	86.3	86.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1
GE 3500	60.1	64.3	79.1	79.1	89.0	89.2	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
GE 3000	62.6	66.9	82.3	82.3	93.4	93.6	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 2500	63.4	67.6	83.1	83.1	94.3	94.5	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 2000	63.6	67.9	83.7	83.7	95.3	95.5	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 1800	63.6	67.9	83.7	83.7	95.3	95.5	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 1500	64.1	68.3	84.1	84.1	95.7	96.0	96.5	96.8	96.8	97.0	97.1	97.2	97.3	97.3	97.3	97.3
GE 1200	64.4	68.6	84.5	84.5	96.3	96.5	97.1	97.3	97.3	97.5	97.6	97.8	97.9	97.9	97.9	97.9
GE 1000	64.4	68.6	84.5	84.5	96.6	96.9	97.4	97.8	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3
GE 900	64.4	68.6	84.5	84.5	96.6	96.9	97.4	97.8	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3
GE 800	64.4	68.6	84.5	84.5	96.6	96.9	97.4	97.8	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3
GE 700	64.4	68.6	84.5	84.5	96.9	97.1	97.6	98.0	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.5
GE 600	64.4	68.6	84.5	84.5	96.9	97.1	97.8	98.3	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0
GE 500	64.4	68.6	84.9	84.9	97.2	97.4	98.1	98.7	98.8	99.0	99.1	99.2	99.3	99.3	99.3	99.3
GE 400	64.4	68.6	84.9	84.9	97.2	97.4	98.1	98.7	99.0	99.2	99.3	99.4	99.6	99.6	99.6	99.6
GE 300	64.4	68.6	84.9	84.9	97.2	97.4	98.2	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7
GE 200	64.4	68.6	84.9	84.9	97.2	97.4	98.2	98.8	99.1	99.3	99.6	99.7	100.0	100.0	100.0	100.0
GE 100	64.4	68.6	84.9	84.9	97.2	97.4	98.2	98.8	99.1	99.3	99.6	99.7	100.0	100.0	100.0	100.0
GE 000	64.4	68.6	84.9	84.9	97.2	97.4	98.2	98.8	99.1	99.3	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: 21-23

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	47.7	50.7	65.3	65.3	77.5	78.1	79.2	79.5	79.7	80.0	80.2	80.2	80.5	80.5	80.6	81.0
GE 4500	48.4	51.6	66.2	66.2	78.6	79.2	80.3	80.7	80.9	81.2	81.5	81.5	81.7	81.7	81.8	82.3
GE 4000	50.5	53.8	68.8	68.8	81.9	82.5	83.8	84.2	84.4	84.7	85.0	85.0	85.2	85.2	85.3	85.8
GE 3500	52.5	55.8	71.1	71.1	84.6	85.2	86.6	86.9	87.1	87.5	87.7	87.7	87.9	87.9	88.0	88.5
GE 3000	55.6	59.0	75.4	75.4	90.2	90.8	92.4	93.0	93.2	93.7	93.9	93.9	94.1	94.1	94.2	94.7
GE 2500	56.4	59.8	76.4	76.4	91.3	92.0	93.7	94.4	94.6	95.0	95.3	95.3	95.5	95.5	95.6	96.0
GE 2000	57.1	60.5	77.6	77.6	92.8	93.6	95.3	95.9	96.3	96.7	96.9	96.9	97.2	97.2	97.3	97.9
GE 1800	57.2	60.6	77.7	77.7	92.9	93.7	95.4	96.0	96.4	96.8	97.1	97.1	97.3	97.3	97.4	98.0
GE 1500	57.2	60.6	77.9	77.9	93.0	93.9	95.7	96.4	96.7	97.2	97.4	97.4	97.6	97.6	97.7	98.3
GE 1200	57.4	60.8	78.1	78.1	93.2	94.1	95.9	96.6	96.9	97.4	97.6	97.6	97.9	97.9	98.0	98.5
GE 1000	57.4	60.8	78.1	78.1	93.3	94.2	96.0	96.7	97.1	97.5	97.7	97.7	98.0	98.0	98.1	98.6
GE 900	57.4	60.8	78.2	78.2	93.4	94.4	96.2	96.8	97.3	97.7	98.0	98.0	98.2	98.2	98.3	98.9
GE 800	57.5	60.9	78.3	78.3	93.6	94.5	96.3	96.9	97.4	97.9	98.1	98.1	98.3	98.3	98.4	99.0
GE 700	57.5	60.9	78.3	78.3	93.7	94.6	96.4	97.1	97.5	98.0	98.2	98.2	98.4	98.4	98.5	99.1
GE 600	57.5	60.9	78.3	78.3	93.8	94.7	96.6	97.3	97.7	98.2	98.4	98.4	98.6	98.6	98.8	99.3
GE 500	57.5	60.9	78.3	78.3	93.8	94.7	96.6	97.3	97.7	98.2	98.4	98.4	98.6	98.6	98.8	99.3
GE 400	57.5	60.9	78.3	78.3	93.8	94.7	96.6	97.3	97.7	98.2	98.4	98.4	98.6	98.6	98.8	99.3
GE 300	57.5	60.9	78.3	78.3	93.8	94.7	96.6	97.4	97.9	98.3	98.5	98.5	98.8	98.8	98.9	99.4
GE 200	57.5	60.9	78.4	78.4	93.9	94.8	96.7	97.5	98.0	98.4	98.8	98.8	99.1	99.1	99.2	99.8
GE 100	57.5	60.9	78.4	78.4	93.9	94.8	96.7	97.5	98.0	98.4	98.8	98.8	99.1	99.1	99.2	100.0
GE 000	57.5	60.9	78.4	78.4	93.9	94.8	96.7	97.5	98.0	98.4	98.8	98.8	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	48.1	50.7	62.0	62.0	72.3	73.6	75.4	76.2	76.3	76.7	77.1	77.2	77.6	77.7	77.9	79.2
GE 4500	49.0	51.6	63.0	63.0	73.5	74.8	76.6	77.4	77.6	78.0	78.3	78.4	78.8	78.9	79.1	80.4
GE 4000	51.5	54.2	66.2	66.2	77.3	78.7	80.6	81.5	81.6	82.0	82.4	82.4	82.9	83.0	83.1	84.5
GE 3500	53.4	56.3	68.6	68.6	80.0	81.5	83.4	84.3	84.4	84.9	85.2	85.3	85.7	85.8	86.0	87.3
GE 3000	55.9	58.9	72.2	72.2	85.0	86.5	88.7	89.7	89.9	90.3	90.7	90.8	91.2	91.4	91.5	92.9
GE 2500	56.5	59.6	73.1	73.1	86.1	87.7	89.9	91.0	91.2	91.6	92.1	92.1	92.5	92.7	92.9	94.2
GE 2000	57.0	60.1	73.9	73.9	87.3	88.9	91.2	92.4	92.5	93.0	93.4	93.5	94.0	94.1	94.3	95.7
GE 1800	57.1	60.1	73.9	73.9	87.3	88.9	91.3	92.4	92.6	93.1	93.5	93.5	94.0	94.2	94.3	95.8
GE 1500	57.2	60.3	74.2	74.2	87.9	89.5	92.0	93.2	93.4	93.9	94.3	94.3	94.8	95.0	95.2	96.6
GE 1200	57.4	60.4	74.4	74.4	88.1	89.8	92.3	93.5	93.7	94.2	94.6	94.7	95.1	95.3	95.5	97.0
GE 1000	57.4	60.5	74.5	74.5	88.3	89.9	92.5	93.7	93.9	94.4	94.9	95.0	95.5	95.6	95.8	97.3
GE 900	57.4	60.5	74.5	74.5	88.3	90.0	92.5	93.8	94.0	94.5	95.0	95.0	95.5	95.7	95.9	97.3
GE 800	57.5	60.5	74.5	74.5	88.4	90.1	92.7	93.9	94.2	94.7	95.1	95.2	95.7	95.9	96.1	97.5
GE 700	57.5	60.5	74.5	74.5	89.5	90.2	92.8	94.0	94.2	94.8	95.3	95.3	95.9	96.0	96.2	97.7
GE 600	57.5	60.5	74.5	74.5	88.5	90.2	92.8	94.2	94.4	94.9	95.4	95.5	96.0	96.2	96.4	97.9
GE 500	57.5	60.5	74.6	74.6	88.6	90.3	93.0	94.4	94.6	95.2	95.7	95.8	96.3	96.5	96.7	98.2
GE 400	57.5	60.5	74.6	74.6	88.6	90.3	93.0	94.4	94.7	95.3	95.9	96.0	96.5	96.7	96.9	98.6
GE 300	57.5	60.5	74.6	74.6	88.6	90.3	93.0	94.5	94.8	95.4	96.0	96.1	96.6	96.8	97.1	98.9
GE 200	57.5	60.5	74.6	74.6	88.6	90.3	93.1	94.5	94.8	95.4	96.1	96.1	96.8	96.9	97.2	99.6
GE 100	57.5	60.5	74.6	74.6	88.6	90.3	93.1	94.5	94.8	95.4	96.1	96.1	96.8	96.9	97.2	99.9
GE 000	57.5	60.5	74.6	74.6	88.5	90.3	93.1	94.5	94.8	95.4	96.1	96.1	96.8	96.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7112

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	43.9	44.7	56.5	56.5	65.6	66.7	68.9	70.2	70.3	70.9	71.1	71.1	71.6	71.7	71.8	72.2
GE 4500	45.6	46.5	58.6	58.6	67.8	68.9	71.2	72.7	72.8	73.3	73.5	73.5	74.1	74.2	74.3	74.6
GE 4000	48.2	49.0	61.6	61.6	72.4	73.4	75.8	77.5	77.6	78.3	78.5	78.5	79.0	79.1	79.2	79.6
GE 3500	49.2	50.1	63.5	63.5	74.8	76.1	78.6	80.3	80.4	81.1	81.3	81.3	81.8	81.9	82.0	82.4
GE 3000	52.6	53.4	68.6	68.6	81.8	83.1	85.9	87.7	87.8	88.7	89.2	89.2	89.8	90.0	90.1	90.4
GE 2500	53.0	53.9	69.6	69.6	83.1	84.5	87.6	89.7	89.8	90.8	91.4	91.4	91.9	92.2	92.3	92.6
GE 2000	53.4	54.4	70.6	70.6	85.4	86.9	90.2	92.4	92.5	93.5	94.2	94.2	94.7	95.1	95.2	95.5
GE 1800	53.5	54.5	70.9	70.9	85.6	87.1	90.4	92.6	92.9	94.0	94.6	94.6	95.2	95.5	95.6	95.9
GE 1500	53.7	54.6	71.3	71.3	86.3	88.0	91.3	93.4	93.8	94.8	95.5	95.5	96.2	96.8	96.9	97.2
GE 1200	53.7	54.6	71.4	71.4	86.5	88.1	91.5	93.8	94.1	95.2	95.8	95.8	96.6	97.1	97.2	97.5
GE 1000	53.7	54.6	71.4	71.4	86.6	88.2	91.8	94.3	94.6	95.7	96.6	96.6	97.5	98.1	98.2	98.5
GE 900	53.7	54.6	71.4	71.4	86.6	88.2	91.8	94.3	94.6	95.7	96.6	96.6	97.5	98.1	98.2	98.5
GE 800	53.7	54.6	71.4	71.4	86.6	88.2	91.8	94.3	94.6	95.7	96.6	96.6	97.5	98.1	98.2	98.5
GE 700	53.7	54.6	71.4	71.4	86.6	88.2	91.8	94.3	94.6	95.7	96.6	96.6	97.5	98.1	98.2	98.5
GE 600	53.7	54.6	71.4	71.4	86.6	88.2	91.8	94.3	94.6	95.7	96.6	96.6	97.5	98.1	98.2	98.5
GE 500	53.7	54.6	71.4	71.4	86.6	88.3	91.9	94.5	94.8	95.9	96.8	96.8	97.7	98.3	98.4	98.8
GE 400	53.7	54.6	71.4	71.4	86.6	88.3	91.9	94.5	94.8	95.9	96.8	96.8	97.7	98.3	98.4	98.8
GE 300	53.7	54.6	71.4	71.4	86.6	88.3	91.9	94.5	94.8	95.9	96.8	96.8	97.7	98.4	98.5	99.1
GE 200	53.7	54.6	71.4	71.4	86.6	88.3	91.9	94.5	94.8	95.9	96.8	96.8	97.8	98.5	98.6	99.4
GE 100	53.7	54.6	71.4	71.4	86.6	88.3	91.9	94.5	94.8	95.9	96.8	96.8	97.8	98.5	98.6	100.0
GE 000	53.7	54.6	71.4	71.4	86.6	88.3	91.9	94.5	94.8	95.9	96.8	96.8	97.8	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	41.4	42.5	53.4	53.4	62.8	64.7	67.3	69.0	69.4	69.5	69.6	69.6	70.0	70.1	70.1	70.8
GE 4500	43.0	44.1	55.0	55.0	64.6	66.7	69.3	71.1	71.4	71.5	71.6	71.6	72.1	72.2	72.2	72.8
GE 4000	45.1	46.2	57.5	57.5	68.7	70.9	73.7	75.5	75.8	75.9	76.1	76.1	76.5	76.6	76.6	77.2
GE 3500	47.1	48.2	60.0	60.0	71.4	73.6	76.4	78.3	78.6	78.7	78.9	78.9	79.3	79.4	79.4	80.0
GE 3000	50.7	51.9	66.5	66.5	78.9	81.4	85.1	87.6	87.9	88.2	88.8	88.8	89.2	89.6	89.6	90.3
GE 2500	51.5	52.6	68.1	68.1	80.8	83.4	87.4	90.2	90.5	91.2	91.7	91.7	92.1	92.6	92.6	93.2
GE 2000	52.1	53.3	68.9	68.9	82.1	84.7	88.8	91.6	91.9	92.8	93.4	93.4	93.9	94.3	94.3	94.9
GE 1800	52.1	53.3	68.9	68.9	82.1	84.7	88.8	91.6	91.9	92.8	93.4	93.4	93.9	94.3	94.3	94.9
GE 1500	52.1	53.3	69.1	69.1	82.6	85.2	89.4	92.6	92.9	93.9	94.6	94.6	95.5	96.0	96.0	96.7
GE 1200	52.1	53.3	69.1	69.1	82.7	85.3	89.5	92.7	93.0	94.0	94.7	94.7	95.6	96.1	96.1	96.8
GE 1000	52.1	53.3	69.1	69.1	83.1	85.7	89.9	93.3	93.6	94.6	95.4	95.4	96.3	97.0	97.0	97.6
GE 900	52.1	53.3	69.1	69.1	83.1	85.7	89.9	93.3	93.6	94.6	95.4	95.4	96.3	97.0	97.0	97.6
GE 800	52.1	53.3	69.1	69.1	83.1	85.7	89.9	93.3	93.6	94.6	95.4	95.4	96.3	97.0	97.0	97.6
GE 700	52.1	53.3	69.1	69.1	83.2	85.8	90.0	93.4	93.7	94.7	95.5	95.5	96.4	97.1	97.1	97.7
GE 600	52.1	53.3	69.1	69.1	83.3	85.9	90.1	93.5	93.9	94.8	95.6	95.6	96.5	97.2	97.2	97.8
GE 500	52.1	53.3	69.1	69.1	83.3	85.9	90.1	93.5	93.9	94.9	95.7	95.7	96.7	97.3	97.3	98.3
GE 400	52.1	53.3	69.1	69.1	83.3	85.9	90.1	93.5	93.9	94.9	95.8	95.8	96.8	97.4	97.4	98.4
GE 300	52.1	53.3	69.1	69.1	83.3	85.9	90.1	93.5	94.0	95.0	95.9	96.0	97.1	97.8	97.8	99.1
GE 200	52.1	53.3	69.1	69.1	83.3	85.9	90.1	93.5	94.0	95.0	95.9	96.0	97.1	97.8	97.8	99.1
GE 100	52.1	53.3	69.1	69.1	83.3	85.9	90.1	93.5	94.0	95.0	95.9	96.0	97.1	97.8	97.8	99.8
GE 000	52.1	53.3	69.1	69.1	83.3	85.9	90.1	93.5	94.0	95.0	95.9	96.0	97.1	97.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	36.2	37.4	49.1	49.1	61.6	63.8	67.5	69.2	69.6	70.7	71.4	71.4	71.9	71.9	71.9	72.4
GE 4500	37.7	38.9	51.0	51.0	63.6	65.7	69.4	71.1	71.6	72.6	73.4	73.4	73.8	73.8	73.8	74.4
GE 4000	39.3	40.5	53.3	53.3	66.5	68.9	72.6	75.0	75.5	76.8	77.6	77.6	78.0	78.0	78.0	78.6
GE 3500	40.6	41.8	55.2	55.2	68.4	70.8	74.8	77.3	77.9	79.2	80.0	80.0	80.4	80.4	80.4	80.9
GE 3000	43.4	44.6	60.1	60.1	75.6	78.3	83.0	85.8	86.4	88.0	89.0	89.0	89.8	89.8	89.8	90.3
GE 2500	44.0	45.2	61.1	61.1	76.7	80.0	85.1	88.0	88.7	90.6	91.8	91.8	92.7	92.7	92.8	93.3
GE 2000	44.5	45.7	61.9	61.9	77.9	81.1	86.5	89.4	90.1	92.0	93.2	93.2	94.1	94.1	94.2	94.7
GE 1800	44.5	45.7	61.9	61.9	77.9	81.1	86.5	89.4	90.1	92.0	93.2	93.2	94.1	94.1	94.2	94.7
GE 1500	44.5	45.7	61.9	61.9	78.4	81.7	87.2	90.1	90.8	93.0	94.2	94.2	95.0	95.0	95.2	95.7
GE 1200	44.5	45.7	61.9	61.9	78.4	81.7	87.2	90.1	90.8	93.0	94.2	94.2	95.0	95.0	95.2	95.7
GE 1000	44.5	45.7	62.0	62.0	78.8	82.0	87.6	90.6	91.4	93.5	94.7	94.7	95.6	95.6	95.7	96.2
GE 900	44.6	45.8	62.1	62.1	78.9	82.1	87.7	90.7	91.5	93.6	94.8	94.8	95.7	95.7	95.8	96.3
GE 800	44.6	45.8	62.1	62.1	79.1	82.3	87.9	90.9	91.7	93.9	95.0	95.0	95.9	95.9	96.0	96.6
GE 700	44.6	45.8	62.1	62.1	79.1	82.3	87.9	91.1	91.8	94.1	95.3	95.3	96.1	96.1	96.2	96.8
GE 600	44.6	45.8	62.1	62.1	79.1	82.3	87.9	91.1	91.8	94.1	95.3	95.3	96.1	96.1	96.2	96.8
GE 500	44.6	45.8	62.1	62.1	79.1	82.3	87.9	91.1	91.9	94.5	95.7	95.7	96.6	96.6	96.7	97.6
GE 400	44.6	45.8	62.1	62.1	79.1	82.3	87.9	91.1	91.9	94.5	95.7	95.7	96.6	96.6	96.8	97.8
GE 300	44.6	45.8	62.1	62.1	79.1	82.3	87.9	91.1	91.9	94.5	95.7	95.7	96.6	96.6	96.8	98.3
GE 200	44.6	45.8	62.1	62.1	79.1	82.3	87.9	91.1	91.9	94.5	95.7	95.7	96.6	96.6	96.8	98.5
GE 100	44.6	45.8	62.1	62.1	79.1	82.3	87.9	91.1	91.9	94.5	95.7	95.7	96.7	96.7	96.9	99.7
GE 000	44.6	45.8	62.1	62.1	79.1	82.3	87.9	91.1	91.9	94.5	95.7	95.7	96.7	96.7	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	32.6	33.4	45.9	45.9	61.3	63.2	67.6	69.7	70.4	72.8	73.8	73.9	74.2	74.4	74.8	74.9
GE 4500	33.7	34.6	47.4	47.4	62.7	64.6	69.0	71.1	71.8	74.2	75.2	75.4	75.6	75.8	76.2	76.3
GE 4000	35.2	36.1	50.5	50.5	66.4	68.3	72.9	75.7	76.3	79.0	80.1	80.2	80.4	80.6	81.1	81.2
GE 3500	37.0	37.8	52.6	52.6	69.1	71.2	76.1	79.2	79.9	82.6	83.8	83.9	84.1	84.3	84.8	84.9
GE 3000	38.9	39.8	55.7	55.7	74.2	76.5	81.9	85.7	86.4	89.6	91.6	91.8	92.2	92.4	93.0	93.2
GE 2500	39.0	39.9	56.2	56.2	75.7	78.2	83.6	87.4	88.0	91.4	93.3	93.5	93.9	94.2	94.7	94.9
GE 2000	39.0	39.9	56.4	56.4	76.2	78.9	84.4	88.2	88.9	92.2	94.2	94.4	94.8	95.0	95.6	95.8
GE 1800	39.0	39.9	56.4	56.4	76.2	79.0	84.6	88.4	89.1	92.5	94.5	94.7	95.1	95.4	95.9	96.1
GE 1500	39.0	39.9	56.4	56.4	76.3	79.1	84.8	88.5	89.2	92.9	94.8	95.0	95.5	95.8	96.3	96.5
GE 1200	39.0	39.9	56.6	56.6	76.8	79.6	85.3	89.2	89.8	93.5	95.5	95.7	96.1	96.4	97.0	97.2
GE 1000	39.1	40.0	56.8	56.8	77.0	79.8	85.6	89.5	90.2	94.1	96.0	96.2	96.6	97.0	97.5	97.7
GE 900	39.1	40.0	56.8	56.8	77.0	79.8	85.6	89.5	90.2	94.1	96.0	96.2	96.6	97.0	97.5	97.7
GE 800	39.1	40.0	56.8	56.8	77.0	79.8	85.9	89.8	90.5	94.4	96.3	96.5	97.0	97.3	97.8	98.1
GE 700	39.1	40.0	56.8	56.8	77.0	79.8	85.9	89.8	90.5	94.4	96.3	96.5	97.1	97.4	97.9	98.2
GE 600	39.1	40.0	56.8	56.8	77.0	79.8	85.9	89.8	90.5	94.4	96.3	96.5	97.1	97.4	97.9	98.2
GE 500	39.1	40.0	56.8	56.8	77.0	79.8	85.9	89.8	90.5	94.4	96.3	96.5	97.1	97.4	97.9	98.2
GE 400	39.1	40.0	56.8	56.8	77.0	79.8	85.9	89.8	90.5	94.6	96.5	96.8	97.3	97.8	98.4	98.6
GE 300	39.1	40.0	56.8	56.8	77.0	79.8	85.9	89.8	90.5	94.6	96.5	96.9	97.4	98.1	98.7	98.9
GE 200	39.1	40.0	56.8	56.8	77.0	79.8	85.9	89.8	90.5	94.6	96.5	96.9	97.4	98.1	98.7	99.5
GE 100	39.1	40.0	56.8	56.8	77.0	79.8	85.9	89.8	90.5	94.6	96.5	96.9	97.4	98.1	98.7	100.0
GE 000	39.1	40.0	56.8	56.8	77.0	79.8	85.9	89.8	90.5	94.6	96.5	96.9	97.4	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	51.3	53.2	66.7	66.7	77.4	78.6	80.0	80.8	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 4500	52.4	54.3	67.7	67.7	78.6	79.8	81.2	81.9	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.6
GE 4000	54.1	56.1	69.7	69.7	80.9	82.2	83.5	84.4	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	55.4	57.4	71.3	71.3	82.9	84.3	85.7	86.6	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 3000	58.2	60.2	75.6	75.6	89.1	90.5	92.3	93.3	93.5	94.3	94.4	94.4	94.4	94.4	94.6	94.6
GE 2500	58.3	60.3	75.9	75.9	90.1	91.5	93.4	94.9	95.2	95.9	96.0	96.1	96.1	96.1	96.3	96.5
GE 2000	58.3	60.3	76.0	76.0	90.6	92.0	94.3	95.8	96.2	97.3	97.4	97.5	97.6	97.6	97.8	98.0
GE 1800	58.3	60.3	76.0	76.0	90.6	92.0	94.4	95.9	96.3	97.4	97.5	97.6	97.7	97.7	98.0	98.1
GE 1500	58.3	60.3	76.0	76.0	90.8	92.2	94.5	96.3	96.8	98.0	98.1	98.2	98.3	98.3	98.5	98.6
GE 1200	58.3	60.3	76.0	76.0	90.8	92.2	94.5	96.3	96.8	98.0	98.1	98.2	98.3	98.3	98.5	98.6
GE 1000	58.4	60.4	76.1	76.1	90.9	92.3	94.8	96.7	97.1	98.3	98.4	98.5	98.6	98.6	98.8	98.9
GE 900	58.4	60.4	76.1	76.1	90.9	92.3	94.8	96.7	97.1	98.3	98.4	98.5	98.6	98.6	98.8	98.9
GE 800	58.4	60.4	76.1	76.1	90.9	92.5	95.1	96.9	97.3	98.5	98.6	98.7	98.8	98.8	99.0	99.1
GE 700	58.4	60.4	76.1	76.1	91.0	92.6	95.2	97.0	97.6	98.8	98.9	99.0	99.1	99.1	99.4	99.5
GE 600	58.4	60.4	76.1	76.1	91.0	92.7	95.3	97.1	97.7	98.9	99.0	99.1	99.2	99.2	99.5	99.6
GE 500	58.4	60.4	76.1	76.1	91.0	92.7	95.5	97.3	98.0	99.1	99.2	99.5	99.6	99.6	99.8	99.9
GE 400	58.4	60.4	76.1	76.1	91.0	92.7	95.5	97.3	98.0	99.1	99.2	99.5	99.6	99.6	99.8	99.9
GE 300	58.4	60.4	76.1	76.1	91.0	92.7	95.5	97.3	98.0	99.1	99.2	99.5	99.7	99.7	99.9	100.0
GE 200	58.4	60.4	76.1	76.1	91.0	92.7	95.5	97.3	98.0	99.1	99.2	99.5	99.7	99.7	99.9	100.0
GE 100	58.4	60.4	76.1	76.1	91.0	92.7	95.5	97.3	98.0	99.1	99.2	99.5	99.7	99.7	99.9	100.0
GE 000	58.4	60.4	76.1	76.1	91.0	92.7	95.5	97.3	98.0	99.1	99.2	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETA , ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	57.3	59.8	71.0	71.0	78.9	79.2	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	57.6	60.2	71.4	71.4	79.4	79.8	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	60.5	63.2	74.7	74.7	83.0	83.3	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	62.0	64.7	76.2	76.2	84.9	85.5	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	66.1	69.1	82.7	82.7	92.8	93.4	94.4	94.8	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	66.8	69.9	83.5	83.5	94.0	94.6	95.7	96.2	96.2	96.3	96.6	96.6	96.8	96.8	96.8	96.8
GE 2000	67.0	70.0	83.7	83.7	94.4	95.3	96.7	97.2	97.2	97.4	97.6	97.6	98.0	98.0	98.0	98.0
GE 1800	67.0	70.0	83.7	83.7	94.4	95.3	96.7	97.2	97.2	97.4	97.6	97.6	98.0	98.0	98.0	98.0
GE 1500	67.0	70.0	83.7	83.7	94.6	95.5	97.1	97.7	97.7	98.1	98.4	98.4	98.7	98.7	98.7	98.7
GE 1200	67.1	70.2	84.1	84.1	94.9	95.8	97.4	98.1	98.1	98.4	98.7	98.7	99.1	99.1	99.1	99.1
GE 1000	67.2	70.3	84.3	84.3	95.2	96.0	97.6	98.3	98.4	98.8	99.1	99.1	99.6	99.6	99.6	99.6
GE 900	67.2	70.3	84.3	84.3	95.2	96.0	97.6	98.3	98.4	98.8	99.1	99.1	99.6	99.6	99.6	99.6
GE 800	67.2	70.3	84.3	84.3	95.2	96.0	97.6	98.3	98.4	98.8	99.1	99.1	99.6	99.6	99.6	99.7
GE 700	67.2	70.3	84.3	84.3	95.3	96.1	97.7	98.4	98.5	98.9	99.2	99.2	99.7	99.7	99.7	99.8
GE 600	67.2	70.3	84.3	84.3	95.3	96.1	97.7	98.4	98.5	98.9	99.2	99.2	99.7	99.7	99.7	99.9
GE 500	67.2	70.3	84.3	84.3	95.3	96.1	97.7	98.4	98.5	98.9	99.2	99.2	99.7	99.7	99.7	99.9
GE 400	67.2	70.3	84.3	84.3	95.3	96.1	97.8	98.5	98.6	99.0	99.4	99.4	99.8	99.8	99.8	100.0
GE 300	67.2	70.3	84.3	84.3	95.3	96.1	97.8	98.5	98.6	99.0	99.4	99.4	99.8	99.8	99.8	100.0
GE 200	67.2	70.3	84.3	84.3	95.3	96.1	97.8	98.5	98.6	99.0	99.4	99.4	99.8	99.8	99.8	100.0
GE 100	67.2	70.3	84.3	84.3	95.3	96.1	97.8	98.5	98.6	99.0	99.4	99.4	99.8	99.8	99.8	100.0
GE 000	67.2	70.3	84.3	84.3	95.3	96.1	97.8	98.5	98.6	99.0	99.4	99.4	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	53.1	55.6	65.7	65.7	75.6	77.0	77.4	77.8	77.8	78.1	78.4	78.4	78.4	78.4	78.6	78.6
GE 4500	53.6	56.0	66.2	66.2	76.2	77.6	77.9	78.3	78.3	78.7	79.0	79.0	79.0	79.0	79.1	79.1
GE 4000	55.5	58.0	68.5	68.5	79.6	81.3	81.6	82.0	82.0	82.3	82.7	82.7	82.7	82.7	82.8	82.8
GE 3500	56.5	58.9	69.8	69.8	81.8	83.4	83.8	84.3	84.3	84.6	84.9	84.9	84.9	84.9	85.0	85.0
GE 3000	60.0	62.6	74.8	74.8	88.7	90.9	91.6	92.1	92.1	92.5	92.9	92.9	93.0	93.0	93.1	93.3
GE 2500	61.0	63.6	75.9	75.9	90.4	92.9	93.6	94.2	94.2	94.6	95.0	95.0	95.3	95.3	95.4	95.6
GE 2000	61.1	63.7	76.2	76.2	91.2	94.0	94.8	95.5	95.5	95.9	96.3	96.3	96.6	96.6	96.7	97.2
GE 1800	61.1	63.7	76.4	76.4	91.4	94.2	95.0	95.7	95.7	96.1	96.6	96.6	96.8	96.8	96.9	97.4
GE 1500	61.1	63.7	76.4	76.4	91.5	94.5	95.6	96.3	96.3	96.8	97.3	97.3	97.5	97.5	97.6	98.2
GE 1200	61.2	63.8	76.8	76.8	91.9	94.9	96.1	97.2	97.3	97.7	98.3	98.3	98.5	98.5	98.6	99.1
GE 1000	61.2	63.8	76.8	76.8	92.0	95.0	96.2	97.3	97.4	97.8	98.4	98.4	98.6	98.6	98.7	99.2
GE 900	61.2	63.8	76.8	76.8	92.0	95.0	96.2	97.3	97.4	97.8	98.4	98.4	98.6	98.6	98.7	99.2
GE 800	61.2	63.8	76.8	76.8	92.0	95.0	96.2	97.3	97.4	97.8	98.4	98.4	98.6	98.6	98.7	99.2
GE 700	61.2	63.8	76.8	76.8	92.0	95.0	96.2	97.3	97.4	97.8	98.4	98.4	98.6	98.6	98.7	99.2
GE 600	61.2	63.8	76.8	76.8	92.0	95.0	96.2	97.3	97.4	97.8	98.4	98.4	98.6	98.6	98.7	99.2
GE 500	61.2	63.8	76.8	76.8	92.0	95.0	96.3	97.4	97.5	98.0	98.5	98.5	98.7	98.7	98.8	99.4
GE 400	61.2	63.8	76.8	76.8	92.0	95.0	96.3	97.4	97.5	98.0	98.6	98.6	98.8	98.8	98.9	99.5
GE 300	61.2	63.8	76.8	76.8	92.0	95.0	96.3	97.4	97.5	98.0	98.6	98.6	98.8	98.8	98.9	99.5
GE 200	61.2	63.8	76.8	76.8	92.0	95.0	96.3	97.4	97.5	98.0	98.6	98.6	98.8	98.8	98.9	99.5
GE 100	61.2	63.8	76.8	76.8	92.0	95.0	96.3	97.4	97.5	98.0	98.6	98.6	98.8	98.8	98.9	99.9
GE 000	61.2	63.8	76.8	76.8	92.0	95.0	96.3	97.4	97.5	98.0	98.6	98.6	98.8	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	48.7	49.9	61.7	61.7	72.8	74.5	75.5	76.1	76.1	76.6	76.8	76.8	77.0	77.0	77.0	77.7
GE 4500	49.9	51.1	63.2	63.2	74.3	76.0	77.0	77.6	77.6	78.1	78.3	78.3	78.5	78.5	78.5	79.2
GE 4000	52.4	53.5	66.1	66.1	78.1	80.1	81.1	81.7	81.7	82.2	82.4	82.4	82.6	82.6	82.6	83.3
GE 3500	54.2	55.5	68.2	68.2	80.6	82.7	83.7	84.3	84.3	84.7	84.9	84.9	85.2	85.2	85.2	85.9
GE 3000	57.7	59.2	73.4	73.4	86.6	88.7	89.9	90.6	90.6	91.1	91.4	91.4	91.7	91.7	91.7	92.5
GE 2500	58.5	60.0	74.5	74.5	88.3	90.4	91.7	92.5	92.5	92.9	93.3	93.3	93.7	93.7	93.7	94.4
GE 2000	58.7	60.2	75.1	75.1	89.4	91.7	93.3	94.2	94.2	94.6	95.4	95.4	95.9	96.2	96.2	97.1
GE 1800	58.7	60.2	75.3	75.3	89.7	92.0	93.7	94.5	94.5	94.9	95.7	95.7	96.2	96.6	96.6	97.4
GE 1500	58.7	60.2	75.4	75.4	89.9	92.5	94.2	95.2	95.2	95.6	96.3	96.3	96.9	97.3	97.3	98.2
GE 1200	58.9	60.4	75.6	75.6	90.1	92.7	94.5	95.8	95.8	96.2	97.0	97.0	97.5	98.0	98.0	98.8
GE 1000	58.9	60.4	75.6	75.6	90.1	92.7	94.5	95.9	95.9	96.3	97.3	97.3	97.8	98.3	98.3	99.1
GE 900	58.9	60.4	75.6	75.6	90.1	92.7	94.5	95.9	95.9	96.3	97.3	97.3	97.8	98.3	98.3	99.1
GE 800	58.9	60.4	75.6	75.6	90.1	92.7	94.5	95.9	95.9	96.3	97.3	97.3	97.8	98.3	98.3	99.1
GE 700	58.9	60.4	75.6	75.6	90.1	92.7	94.5	95.9	95.9	96.3	97.3	97.3	97.8	98.3	98.3	99.1
GE 600	58.9	60.4	75.6	75.6	90.1	92.7	94.5	96.0	96.0	96.5	97.4	97.4	98.0	98.4	98.4	99.2
GE 500	58.9	60.4	75.6	75.6	90.1	92.7	94.5	96.0	96.0	96.5	97.4	97.4	98.0	98.4	98.4	99.2
GE 400	58.9	60.4	75.6	75.6	90.1	92.7	94.5	96.0	96.0	96.5	97.4	97.4	98.0	98.4	98.4	99.2
GE 300	58.9	60.4	75.6	75.6	90.1	92.7	94.5	96.0	96.0	96.5	97.6	97.6	98.3	98.7	98.7	99.6
GE 200	58.9	60.4	75.6	75.6	90.1	92.7	94.5	96.0	96.0	96.5	97.6	97.6	98.3	98.7	98.7	99.6
GE 100	58.9	60.4	75.6	75.6	90.1	92.7	94.5	96.0	96.0	96.5	97.6	97.6	98.3	98.7	98.7	100.0
GE 000	58.9	60.4	75.6	75.6	90.1	92.7	94.5	96.0	96.0	96.5	97.6	97.6	98.3	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: DEC HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	45.6	47.1	58.8	58.8	69.5	71.0	73.0	74.1	74.3	75.0	75.3	75.3	75.6	75.6	75.7	76.0
GE 4500	46.7	48.2	60.1	60.1	70.9	72.4	74.4	75.6	75.8	76.4	76.8	76.8	77.0	77.1	77.2	77.5
GE 4000	48.8	50.3	62.8	62.8	74.4	76.0	78.2	79.5	79.7	80.5	80.8	80.8	81.1	81.1	81.2	81.5
GE 3500	50.3	51.8	64.6	64.6	76.8	78.5	80.7	82.1	82.3	83.1	83.4	83.5	83.7	83.7	83.8	84.1
GE 3000	53.5	55.1	69.7	69.7	83.5	85.4	88.0	89.7	90.0	90.9	91.6	91.6	91.9	92.0	92.1	92.5
GE 2500	54.0	55.7	70.6	70.6	84.9	86.9	89.8	91.6	91.9	93.0	93.6	93.7	94.1	94.2	94.3	94.7
GE 2000	54.3	55.9	71.1	71.1	85.9	88.1	91.1	93.0	93.3	94.5	95.2	95.3	95.7	95.9	96.0	96.4
GE 1800	54.3	56.0	71.2	71.2	86.0	88.2	91.3	93.2	93.5	94.7	95.4	95.4	95.9	96.0	96.2	96.6
GE 1500	54.3	56.0	71.3	71.3	86.3	88.6	91.8	93.8	94.1	95.4	96.1	96.2	96.7	96.9	97.1	97.5
GE 1200	54.4	56.0	71.5	71.5	86.5	88.8	92.0	94.1	94.5	95.7	96.5	96.6	97.1	97.3	97.5	97.9
GE 1000	54.4	56.1	71.5	71.5	86.7	89.0	92.3	94.5	94.8	96.1	97.0	97.0	97.6	97.8	98.0	98.4
GE 900	54.4	56.1	71.5	71.5	86.7	89.0	92.3	94.5	94.8	96.2	97.0	97.0	97.6	97.8	98.0	98.4
GE 800	54.4	56.1	71.5	71.5	86.7	89.0	92.4	94.6	94.9	96.3	97.1	97.1	97.7	97.9	98.1	98.5
GE 700	54.4	56.1	71.5	71.5	86.8	89.1	92.4	94.7	95.0	96.4	97.2	97.2	97.8	98.0	98.2	98.6
GE 600	54.4	56.1	71.5	71.5	86.8	89.1	92.4	94.7	95.1	96.4	97.2	97.3	97.8	98.1	98.2	98.7
GE 500	54.4	56.1	71.5	71.5	86.8	89.1	92.5	94.8	95.1	96.5	97.4	97.4	98.0	98.2	98.4	98.9
GE 400	54.4	56.1	71.5	71.5	86.8	89.1	92.5	94.8	95.2	96.6	97.4	97.5	98.1	98.3	98.5	99.0
GE 300	54.4	56.1	71.5	71.5	86.8	89.1	92.5	94.8	95.2	96.6	97.5	97.5	98.2	98.5	98.6	99.3
GE 200	54.4	56.1	71.5	71.5	86.8	89.1	92.5	94.8	95.2	96.6	97.5	97.5	98.2	98.5	98.7	99.4
GE 100	54.4	56.1	71.5	71.5	86.8	89.1	92.5	94.8	95.2	96.6	97.5	97.5	98.2	98.5	98.7	99.9
GE 000	54.4	56.1	71.5	71.5	86.8	89.1	92.5	94.8	95.2	96.6	97.5	97.5	98.2	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7427

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
1ST TO JTC: - 9 MONTH: ALL HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	48.2	50.2	62.0	62.0	72.1	73.4	75.2	76.0	76.1	76.6	76.8	76.9	77.1	77.2	77.3	77.7
GE 4500	48.7	50.8	62.6	62.6	72.9	74.2	76.0	76.8	76.9	77.4	77.6	77.7	77.9	78.0	78.1	78.5
GE 4000	50.5	52.7	65.1	65.1	75.8	77.2	79.1	79.9	80.1	80.6	80.8	80.9	81.1	81.2	81.3	81.7
GE 3500	51.5	53.7	66.5	66.5	77.5	79.0	81.0	81.8	82.0	82.5	82.7	82.8	83.0	83.1	83.2	83.6
GE 3000	54.3	56.6	70.4	70.4	82.8	84.4	86.7	87.6	87.8	88.4	88.7	88.8	89.0	89.1	89.2	89.7
GE 2500	54.9	57.3	71.4	71.4	84.2	85.9	88.3	89.3	89.5	90.1	90.4	90.5	90.8	90.9	91.0	91.4
GE 2000	55.5	57.9	72.3	72.3	85.6	87.4	90.0	91.1	91.4	92.0	92.4	92.4	92.7	92.8	93.0	93.4
GE 1800	55.5	57.9	72.4	72.4	85.7	87.5	90.1	91.3	91.5	92.1	92.5	92.6	92.9	93.0	93.1	93.5
GE 1500	55.9	58.3	73.0	73.0	86.7	88.6	91.4	92.6	92.8	93.6	93.9	94.0	94.3	94.4	94.6	95.0
GE 1200	56.1	58.5	73.3	73.3	87.2	89.2	92.0	93.3	93.5	94.3	94.7	94.7	95.1	95.2	95.3	95.8
GE 1000	56.2	58.7	73.6	73.6	87.8	89.8	92.9	94.2	94.5	95.3	95.7	95.8	96.1	96.2	96.4	96.8
GE 900	56.3	58.7	73.6	73.6	87.9	89.9	93.0	94.3	94.6	95.4	95.8	95.9	96.3	96.4	96.5	97.0
GE 800	56.3	58.7	73.7	73.7	88.0	90.1	93.2	94.6	94.9	95.7	96.2	96.2	96.6	96.7	96.8	97.3
GE 700	56.3	58.7	73.7	73.7	88.2	90.3	93.5	94.9	95.2	96.0	96.5	96.5	96.9	97.0	97.2	97.6
GE 600	56.3	58.8	73.8	73.8	88.3	90.4	93.6	95.1	95.4	96.3	96.7	96.8	97.2	97.3	97.5	97.9
GE 500	56.3	58.8	73.8	73.8	88.4	90.5	93.9	95.4	95.7	96.6	97.1	97.2	97.6	97.7	97.9	98.4
GE 400	56.3	58.8	73.8	73.8	88.4	90.6	94.0	95.5	95.8	96.8	97.3	97.4	97.9	98.0	98.2	98.8
GE 300	56.3	58.8	73.8	73.8	88.4	90.6	94.0	95.6	95.9	97.0	97.5	97.6	98.1	98.2	98.5	99.1
GE 200	56.3	58.8	73.8	73.8	88.4	90.6	94.0	95.6	95.9	97.0	97.6	97.7	98.3	98.4	98.7	99.6
GE 100	56.3	58.8	73.8	73.8	88.4	90.6	94.0	95.6	96.0	97.0	97.6	97.7	98.3	98.4	98.8	99.9
GE 000	56.3	58.8	73.8	73.8	88.4	90.6	94.0	95.6	96.0	97.0	97.6	97.7	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 87495

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

E - 1 - 1

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA WERE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

E - 1 - 3

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
LST TO UTC: -09 MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95						.3	2.8	3.5					.6
GE 90						2.8	20.3	26.4	.8				4.4
GE 85				.1	2.1	15.3	49.0	59.8	6.3				11.6
GE 80				1.3	16.0	56.7	82.9	88.1	39.7	2.6			24.8
GE 75				8.1	46.1	81.9	95.6	97.4	77.7	15.0			36.2
GE 70			.4	22.1	69.0	95.5	99.5	99.9	95.0	41.7	2.0		44.8
GE 65			2.4	40.2	86.7	99.3	99.7	100.0	98.7	65.5	7.9	.1	51.1
GE 60		.7	11.6	67.2	97.2	100.0	99.9		100.0	85.1	25.8	1.1	58.4
GE 55	.5	3.4	28.8	84.9	99.5		100.0			94.6	47.1	4.7	64.6
GE 50	2.3	11.7	51.7	96.6	99.9					98.9	67.9	15.2	71.3
GE 45	9.4	26.0	73.5	99.5	100.0					99.6	81.5	32.0	77.6
GE 40	25.6	44.2	86.4	99.9						100.0	90.4	49.8	83.6
GE 35	51.1	67.5	96.5	100.0							96.9	72.1	90.7
GE 33	60.6	74.7	98.6								98.4	78.9	92.9
GE 30	75.2	84.6	99.4								99.6	88.6	95.8
GE 25	92.1	95.2	99.7								100.0	97.0	98.5
GE 20	97.5	99.0	100.0									99.1	99.6
GE 15	99.9	100.0										100.0	100.0
GE 10	100.0												100.0
MEAN	34.5	38.6	49.5	63.0	72.9	79.7	84.5	85.8	77.8	67.3	53.0	40.0	62.7
SD	7.69	8.66	8.32	7.89	6.76	5.51	5.52	5.27	4.94	7.26	9.08	8.65	19.21
TOTAL OBS	734	668	777	754	773	750	772	776	716	705	686	703	8814



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS, PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709, 6307-6312, 6808-9009  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80							.4	.6					.1
GE 75						.4	25.1	25.0					4.5
GE 70						6.0	65.5	67.5	6.3				12.7
GE 65					.5	30.3	91.6	89.7	21.8				20.3
GE 60				.3	12.5	77.3	99.1	99.5	52.9	3.7			29.7
GE 55				3.7	42.0	96.7	100.0	100.0	78.5	15.0	.9		37.4
GE 50			.4	15.0	73.6	99.5			92.6	36.3	5.5		44.7
GE 45		.1	1.9	32.9	93.0	99.9			99.0	60.0	12.8	.4	51.1
GE 40	.5	1.5	8.4	58.9	99.5	100.0			99.9	78.0	27.7	2.1	57.4
GE 35	4.2	6.7	27.9	86.2	100.0				100.0	93.3	48.5	9.0	65.6
GE 33	6.1	10.3	39.0	91.5						95.3	56.7	14.9	68.8
GE 30	10.5	20.2	59.5	97.7						98.7	70.1	23.9	74.2
GE 25	22.3	39.1	86.0	100.0						100.0	89.2	46.1	82.5
GE 20	39.0	56.7	96.4								96.8	65.3	88.3
GE 15	60.9	74.3	99.9								99.7	84.2	93.5
GE 10	77.9	87.6	100.0								100.0	92.9	96.7
GE 5	88.0	96.1										97.7	98.5
GE 0	94.6	98.7										99.6	99.4
GE -5	97.3	99.4										99.9	99.7
GE -10	98.9	99.9										100.0	99.9
GE -15	99.9	100.0											100.0
GE -20	100.0												100.0
MEAN	16.8	21.0	30.9	41.7	52.9	62.8	71.0	71.0	59.6	46.1	34.6	23.1	44.8
SD	10.37	9.58	6.22	6.68	5.58	4.37	4.19	4.30	6.59	7.72	8.42	8.80	19.85
TOTAL OBS	734	668	777	754	773	750	772	776	716	705	686	703	8814

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
LST TO UTC: -09 MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							4.4	5.2					.8
GE 80						1.2	37.8	45.6	1.3				7.5
GE 75					.5	21.6	81.0	82.6	12.2				17.2
GE 70				.5	9.7	71.2	97.8	98.1	47.5	1.6			28.1
GE 65				2.9	41.5	95.2	99.7	100.0	81.3	12.8			37.2
GE 60				13.0	75.2	99.7	99.9		97.2	36.5	1.2		44.6
GE 55			.6	38.3	95.3	100.0	100.0		99.9	66.2	9.2	.1	51.9
GE 50		.3	6.6	68.2	99.9				100.0	85.2	28.0	.9	58.5
CE 45	.7	3.7	28.7	92.6	100.0					95.7	51.0	5.3	65.8
GE 40	4.4	13.3	56.0	98.7						99.3	70.0	17.9	72.5
GE 35	15.7	32.3	84.6	99.9						100.0	86.6	39.1	80.6
GE 33	22.5	40.9	89.6	99.9							89.9	49.2	83.3
GE 30	35.0	54.9	94.2	100.0							95.5	60.6	87.2
GE 25	57.6	73.5	99.5								99.3	80.4	92.8
GE 20	77.0	87.6	99.7								100.0	93.6	96.6
GE 15	90.1	96.7	100.0									98.2	98.8
GE 10	97.4	99.4										99.6	99.7
GE 5	99.7	100.0										100.0	100.0
GE 0	100.0												100.0
MEAN	25.9	30.0	40.5	52.6	63.1	71.5	78.0	78.6	69.0	57.0	44.0	31.8	54.0
SD	8.32	8.41	6.33	6.03	5.02	3.83	4.21	4.12	4.90	6.63	8.06	8.15	19.20
TOTAL OBS	734	668	777	754	773	750	772	776	716	705	686	703	8814

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51			64*	72	85	97	99	94	84	80	65	55	99*
52	44	48	63	75	89	92	98	97	87	78	68	52	98
53	52	54	60	77	86	87*	93	98	85	82	61	67	98*
54	46	55	71	78	84	87	90	95	91	74	69	52	95
55	44	59	64	84	83	93	92	94	88	82	65	57	94
56	48	49	63	71	79	86	95	97*	*	*	*	*	97*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
63							*	*	*	*	*	*	*
68								*	*	*	*	*	*
69	*	*	41*	*	*	*	*	*	*	*	*	*	41*
70	*	*	56*	*	*	*	*	*	*	*	*	*	56*
71	49*	56*	65*	77*	79*	90*	90*	92*	86*	74*	72*	59*	92*
72	56*	49*	65*	79*	81*	86*	99*	89*	84*	80*	64*	59*	99*
73	53*	60*	66*	78*	78*	84*	96*	95*	86*	78*	62*	46*	96*
74	50*	44*	62*	69*	84*	87*	87*	93*	84*	75*	69*	48*	93*
75	46*	51*	62*	82*	80*	87*	93*	91*	89*	78*	68*	62*	93*
76	46*	55*	57*	75*	87*	91*	89*	89*	84*	75*	69*	53*	91*
77	41*	62*	71	80	82	93	95	91	86	84	69	60	95*
78	48	55	66	82	87	87	96	93	87	84	64	62	96
79	57	62	66	75	86	84	91	95	82	79	73	54	95
80	50	55	64	73	86	90	86	84	84	79	68	52	90
81	37	46	70	79	84	88	97	91	86	75	57	54	97
82	48	54	64	81	86	90	93	93	86	82	73	55	93
83	46	55	66	79	84	91	93	95	91	79	66	57	95
84	45	48	63	75	82	95	95	95	84	73	70	61	95
85	41	55	68	81	84	91	97	97	90	79	70	52	97
86	43	45	64	77	82	91	91	91	88	77	64	55	91
87	46	57	61	79	86	91	91	91	84	82	70	59	91
88	52	55	61	77	88	88	90	95	86	79	66	61	95
89	52	54	64	88	84	88	93	91	88	75	64	59	93
90	46	55	66	77	82	88	95	95	90				95*

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

GREATEST	57	62	71	88	89	97	99	98	91	84	73	67	99
TOTAL OBS	734	668	777	754	773	750	772	776	716	705	686	703	8814

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

USAFETAC/DS-91/248 - Page 296

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51			25*	30	42	55	62	66	47	33	11	14	11*
52	10	5	17	33	45	52	65	62	45	31	28	9	5
53	5	6	23	34	44	56*	65	61	52	39	20	17	5*
54	14	-9	19	36	46	55	59	63	49	33	27	10	-9
55	-5	7	23	29	45	51	64	65	49	32	23	17	-5
56	2	-11	20	34	43	55	65	61*	*	*	*	*	-11*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
63							*	*	*	*	*	*	*
68								*	*	*	*	*	*
69	*	*	32*	*	*	*	*	*	*	*	*	*	32*
70	*	*	23*	*	*	*	*	*	*	*	*	*	23*
71	3*	8*	15*	28*	44*	57*	66*	62*	44*	30*	19*	12*	3*
72	12*	19*	19*	26*	41*	59*	62*	60*	46*	30*	17*	14*	12*
73	14*	15*	23*	30*	50*	59*	71*	69*	42*	30*	19*	5*	5*
74	-9*	6*	15*	35*	42*	53*	64*	59*	46*	30*	17*	10*	-9*
75	8*	12*	21*	30*	44*	60*	62*	64*	53*	39*	21*	5*	5*
76	1*	1*	21*	26*	39*	53*	57*	62*	48*	32*	24*	1*	1*
77	-2*	1*	14	28	42	57	66	57	42	32	21	12	-2*
78	3	5	17	28	41	48	66	62	50	33	19	10	3
79	10	6	19	28	41	55	60	55	43	36	16	12	6
80	0	-6	23	30	41	43	61	63	43	28	27	-8	-8
81	-17	-2	21	28	39	48	66	61	46	34	18	9	-17
82	3	7	14	32	43	54	64	66	46	25	21	14	3
83	7	7	25	30	41	52	64	64	52	28	19	0	0
84	0	3	18	28	41	57	64	66	45	30	18	0	0
85	-6	9	19	27	48	57	64	68	46	34	25	5	-6
86	-2	-4	16	27	43	57	59	63	46	27	21	12	-4
87	0	7	16	27	39	57	64	66	37	32	14	5	0
88	5	7	16	28	41	57	63	63	45	27	18	9	5
89	9	9	19	30	41	54	64	63	46	28	18	14	9
90	-4	10	23	34	41	57	61	66	46				-4*

M TEMPERATURES IN FAHRENHEIT  
 SUMMARY OF DAY DATA

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

LEAST	-17	-11	14	26	39	43	57	55	37	25	11	-8	-17
TOTAL OBS	714	668	777	754	773	750	772	776	716	705	686	703	8814

THE LEAST VALUE OF -17 OCCURRED ON 01/04/81

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO  
LST TO UTC: -09

PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
51			42*	50	63	71	79	81	67	60	44	36	60*
52	28	28	40	53	67	72	80	78	69	56	47	30	54
53	25	29	42	52	64	70*	79	79	69	60	42	35	54*
54	30	32	39	54	64	69	75	81	70	55	49	29	54
55	22	33	41	53	62	73	79	81	70	55	44	35	54
56	25	26	40	51	62	70	79	79*	*	*	*	*	54*
57	*	*	*	*	*	*	*	*	*	*	*	*	0*
58													
59													
60													
61							*	*	*	*	*	*	0*
62													
63	*	*	37*	*	*	*	*	*	*	*	*	*	37*
64	*	*	39*	*	*	*	*	*	*	*	*	*	39*
65													
66	28*	30*	37*	52*	62*	72*	78*	77*	70*	55*	47*	32*	54*
67	34*	34*	42*	54*	62*	72*	79*	76*	66*	57*	43*	33*	55*
68	33*	33*	40*	54*	63*	71*	82*	81*	69*	55*	43*	28*	55*
69	25*	27*	39*	52*	62*	68*	76*	78*	68*	54*	41*	30*	52*
70	27*	31*	39*	54*	62*	71*	79*	80*	73*	59*	49*	30*	55*
71													
72	24*	32*	41*	50*	61*	70*	74*	77*	66*	57*	40*	34*	53*
73	19*	26*	41	55	62	73	80	76	70	61	45	36	55*
74	28	28	39	53	64	73	82	79	69	56	44	35	54
75	33	33	42	51	61	71	77	78	67	59	42	34	54
76	26	25	41	51	61	71	74	74	67	55	46	24	51
77													
78	14	28	43	53	61	71	80	76	68	55	38	31	52
79	26	31	42	53	66	72	77	79	68	60	46	33	54
80	28	29	43	56	65	72	77	80	73	58	44	29	55
81	21	25	37	54	65	74	79	81	68	56	46	30	53
82	19	33	40	54	66	73	79	82	70	58	43	26	54
83													
84	21	25	40	52	63	72	76	77	68	54	42	35	52
85	22	32	39	50	62	72	76	78	68	59	45	32	54
86	22	28	38	51	64	73	77	79	69	57	41	32	53
87	12	34	42	55	64	70	77	78	69	55	44	34	55
88	26	36	44	52	62	72	79	80	71				58*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 411210 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO PERIOD OF RECORD: 5103-5709,6307-6312,6808-9009  
LST TO UTC: -09 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--------

MEAN	25.9	30.0	40.5	52.6	63.1	71.5	78.0	78.6	69.0	57.0	44.0	31.8	54.0
TOTAL OBS	734	668	777	754	773	750	772	775	716	705	686	703	8814

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 4 - 1B



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	20.3	10.905	930	49	818	0	0	0	930
03-05	18.6	11.490	928	69	833	0	0	0	928
06-08	17.5	11.747	929	87	837	0	0	0	929
09-11	23.1	10.393	930	29	762	0	0	0	930
12-14	31.1	7.926	930	0	529	0	0	0	930
15-17	32.1	7.631	929	0	476	0	0	0	929
18-20	26.5	8.417	930	0	703	0	0	0	930
21-23	22.9	9.487	930	9	796	0	0	0	930
ALL HOURS	24.0	11.101	7436	243	5754	0	0	0	7436

MONTH: FEB

00-02	25.9	8.744	846	0	645	0	0	0	846
03-05	24.0	9.650	846	3	679	0	0	0	846
06-08	23.0	10.030	846	9	693	0	0	0	846
09-11	29.8	8.479	846	0	513	0	0	0	846
12-14	36.7	7.952	846	0	259	0	0	0	846
15-17	37.6	8.070	846	0	241	0	0	0	846
18-20	31.8	7.776	846	0	455	0	0	0	846
21-23	28.3	7.989	846	0	599	0	0	0	846
ALL HOURS	29.6	10.044	6768	12	4084	0	0	0	6768

E - 5 - 1 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	35.1	6.313	930	0	342	0	0	0	930
03-05	33.3	6.559	930	0	442	0	0	0	930
06-08	33.0	6.707	930	0	467	0	0	0	930
09-11	41.4	6.834	930	0	96	0	0	0	930
12-14	48.0	7.785	930	0	24	8	0	0	930
15-17	48.9	8.238	930	0	18	16	0	0	930
18-20	42.4	7.167	930	0	89	0	0	0	930
21-23	37.7	6.069	930	0	212	0	0	0	930
ALL HOURS	40.0	9.107	7440	0	1690	24	0	0	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	45.9	6.757	900	0	11	5	0	0	900
03-05	43.6	7.279	900	0	48	7	0	0	900
06-08	44.4	7.510	900	0	48	6	0	0	900
09-11	54.8	7.099	900	0	0	74	0	0	900
12-14	61.6	7.778	900	0	0	281	6	0	900
15-17	62.0	8.011	900	0	0	308	7	0	900
18-20	55.3	7.314	900	0	0	81	0	0	900
21-23	49.6	6.394	900	0	0	10	0	0	900
ALL HOURS	52.2	10.054	7200	0	107	772	13	0	7200

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	57.6	5.618	930	0	0	63	0	0	930
03-05	55.5	6.125	929	0	0	36	0	0	929
06-08	56.9	6.017	930	0	0	61	0	0	930
09-11	65.0	6.164	930	0	0	444	6	0	930
12-14	70.6	6.844	930	0	0	716	65	0	930
15-17	71.8	7.295	930	0	0	739	121	0	930
18-20	66.4	6.526	930	0	0	537	16	0	930
21-23	60.7	5.303	929	0	0	162	0	0	929
ALL HOURS	63.0	8.578	7438	0	0	2758	208	0	7438

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	66.1	4.104	900	0	0	517	1	0	900
03-05	64.5	4.528	899	0	0	385	0	0	899
06-08	66.0	4.509	900	0	0	500	0	0	900
09-11	72.8	4.661	900	0	0	844	64	0	900
12-14	77.7	5.313	900	0	0	878	363	1	900
15-17	78.8	5.534	900	0	0	880	452	3	900
18-20	74.1	4.893	900	0	0	862	115	0	900
21-23	68.9	3.888	900	0	0	760	2	0	900
ALL HOURS	71.1	7.044	7199	0	0	5626	997	4	7199

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	73.1	3.803	928	0	0	913	30	0	928
03-05	71.9	4.059	928	0	0	879	13	0	928
06-08	72.8	4.150	927	0	0	888	42	0	927
09-11	78.1	4.880	930	0	0	927	316	0	930
12-14	81.9	5.325	928	0	0	928	615	10	928
15-17	82.6	5.620	929	0	0	929	658	29	929
18-20	78.8	4.913	928	0	0	928	392	3	928
21-23	74.7	3.811	930	0	0	928	101	0	930
ALL HOURS	76.8	5.988	7428	0	0	7320	2167	42	7428

MONTH: AUG

00-02	74.1	3.566	930	0	0	923	42	0	930
03-05	72.8	3.620	930	0	0	902	16	0	930
06-08	73.5	3.931	930	0	0	911	53	0	930
09-11	79.9	4.847	929	0	0	928	479	0	929
12-14	84.1	5.528	930	0	0	928	760	38	930
15-17	84.6	5.742	930	0	0	928	768	72	930
18-20	79.9	4.974	930	0	0	927	474	5	930
21-23	75.7	3.712	930	0	0	927	135	0	930
ALL HOURS	78.1	6.370	7439	0	0	7374	2727	115	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	63.5	6.051	900	0	0	373	0	0	900
03-05	61.9	6.626	900	0	0	304	0	0	900
06-08	62.2	6.773	900	0	0	308	0	0	900
09-11	70.4	5.428	900	0	0	741	39	0	900
12-14	75.9	5.208	900	0	0	878	211	0	900
15-17	76.3	5.415	900	0	0	879	243	0	900
18-20	70.1	5.578	900	0	0	726	34	0	900
21-23	65.5	5.433	900	0	0	472	3	0	900
ALL HOURS	68.2	7.924	7200	0	0	4681	530	0	7200

MONTH: OCT

00-02	50.7	7.489	933	0	12	3	0	0	933
03-05	48.8	8.131	933	0	35	5	0	0	933
06-08	48.5	8.360	933	0	46	5	0	0	933
09-11	57.9	7.824	930	0	0	161	0	0	930
12-14	65.0	7.695	930	0	0	499	4	0	930
15-17	65.3	7.890	930	0	0	499	10	0	930
18-20	57.7	7.240	929	0	0	114	0	0	929
21-23	53.1	7.216	930	0	2	14	0	0	930
ALL HOURS	55.9	10.002	7448	0	95	1300	14	0	7448

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	38.5	8.561	899	0	239	0	0	0	899
03-05	37.1	8.928	900	0	322	0	0	0	900
06-08	36.6	9.226	900	0	349	0	0	0	900
09-11	43.6	8.765	900	0	112	0	0	0	900
12-14	50.6	8.722	900	0	16	26	0	0	900
15-17	50.7	8.762	900	0	19	31	0	0	900
18-20	44.3	8.119	900	0	85	0	0	0	900
21-23	40.5	8.242	900	0	164	0	0	0	900
ALL HOURS	42.7	10.118	7199	0	1306	57	0	0	7199

MONTH: DEC

00-02	26.6	9.447	930	0	685	0	0	0	930
03-05	25.5	9.867	930	5	697	0	0	0	930
06-08	24.8	10.287	930	13	717	0	0	0	930
09-11	30.3	9.524	930	3	539	0	0	0	930
12-14	37.3	8.972	930	0	281	0	0	0	930
15-17	37.5	8.634	930	0	267	0	0	0	930
18-20	31.4	8.420	930	0	508	0	0	0	930
21-23	28.1	8.726	930	0	652	0	0	0	930
ALL HOURS	30.2	10.372	7440	21	4346	0	0	0	7440

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	48.2	19.526	10956	49	2752	2797	73	0	10956
03-05	46.6	19.755	10953	77	3056	2518	29	0	10953
06-08	46.7	20.510	10955	109	3157	2679	95	0	10955
09-11	54.0	20.461	10955	32	2022	4119	904	0	10955
12-14	60.1	19.399	10954	0	1109	5142	2024	49	10954
15-17	60.8	19.466	10954	0	1021	5209	2259	104	10954
18-20	55.0	19.729	10953	0	1840	4175	1031	8	10953
21-23	50.6	19.265	10955	9	2425	3273	241	0	10955
ALL HOURS	52.8	20.469	87635	276	17382	29912	6656	161	87635

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	19.0	10.591	929	831	0	0	0	0	929
03-05	17.5	11.162	925	842	0	0	0	0	925
06-08	16.5	11.439	928	850	0	0	0	0	928
09-11	21.3	10.033	930	799	0	0	0	0	930
12-14	27.5	7.470	930	666	0	0	0	0	930
15-17	28.4	7.182	929	626	0	0	0	0	929
18-20	24.3	8.280	930	755	0	0	0	0	930
21-23	21.3	9.276	930	821	0	0	0	0	930
ALL HOURS	22.0	10.434	7431	6190	0	0	0	0	7431

MONTH: FEB

00-02	24.1	8.627	846	682	3	0	0	0	846
03-05	22.5	9.495	845	711	2	0	0	0	845
06-08	21.6	9.879	846	731	0	0	0	0	846
09-11	27.3	8.192	846	607	0	0	0	0	846
12-14	32.1	7.281	846	418	4	0	0	0	846
15-17	32.6	7.242	845	396	4	0	0	0	845
18-20	28.9	7.475	846	554	2	0	0	0	846
21-23	26.2	7.902	846	648	3	0	0	0	846
ALL HOURS	26.9	9.140	6766	4747	18	0	0	0	6766

E - 5 - 2 - 1



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	32.9	6.117	929	419	7	0	0	0	929
03-05	31.5	6.415	930	501	5	0	0	0	930
06-08	31.3	6.508	930	522	4	0	0	0	930
09-11	37.2	6.081	930	203	18	0	0	0	930
12-14	41.1	6.457	930	99	85	0	0	0	930
15-17	41.5	6.540	930	98	93	0	0	0	930
18-20	37.9	6.242	930	189	26	0	0	0	930
21-23	34.9	5.899	930	291	10	0	0	0	930
ALL HOURS	36.1	7.323	7439	2322	248	0	0	0	7439

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	43.0	6.566	900	24	165	0	0	0	900
03-05	41.5	7.081	900	75	140	0	0	0	900
06-08	42.0	7.062	900	71	141	0	0	0	900
09-11	48.1	5.854	899	1	356	2	0	0	899
12-14	51.5	5.940	900	0	553	6	0	0	900
15-17	51.8	6.118	900	0	575	4	0	0	900
18-20	48.6	6.308	900	1	401	0	0	0	900
21-23	45.6	6.280	900	6	247	0	0	0	900
ALL HOURS	46.5	7.466	7199	178	2578	12	0	0	7199

E - 5 - 2 - 2

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	54.6	5.556	930	0	764	7	0	0	930
03-05	53.2	5.997	929	0	690	5	0	0	929
06-08	53.9	5.813	930	0	738	10	0	0	930
09-11	58.0	4.950	930	0	892	36	1	0	930
12-14	60.5	5.038	930	0	916	111	1	0	930
15-17	61.0	5.139	930	0	917	143	6	0	930
18-20	58.9	5.147	930	0	896	52	2	0	930
21-23	56.3	5.222	929	0	838	17	0	0	929
ALL HOURS	57.0	6.058	7438	0	6651	381	10	0	7438

MONTH: JUN

00-02	63.2	4.068	900	0	896	184	15	0	900
03-05	62.3	4.417	899	0	892	149	18	0	899
06-08	63.1	4.257	900	0	896	183	15	0	900
09-11	66.1	3.636	900	0	900	419	29	0	900
12-14	68.1	3.604	900	0	900	613	90	2	900
15-17	68.6	3.657	899	0	899	656	120	0	899
18-20	66.8	3.855	900	0	900	506	59	0	900
21-23	64.7	3.846	900	0	900	294	19	0	900
ALL HOURS	65.4	4.489	7198	0	7183	3004	365	2	7198

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	71.0	3.776	928	0	928	803	363	0	928
03-05	70.3	3.928	928	0	928	757	314	0	928
06-08	70.6	3.884	927	0	927	769	332	0	927
09-11	73.0	3.789	929	0	929	878	509	25	929
12-14	74.7	3.714	928	0	928	910	656	77	928
15-17	75.2	3.681	928	0	928	908	704	112	928
18-20	73.8	3.768	928	0	928	894	568	51	928
21-23	72.0	3.596	930	0	930	842	429	2	930
ALL HOURS	72.6	4.189	7426	0	7426	6761	3875	267	7426

MONTH: AUG

00-02	71.9	3.425	930	0	930	839	458	0	930
03-05	71.1	3.636	930	0	930	811	374	0	930
06-08	71.4	3.585	930	0	930	814	389	0	930
09-11	74.2	3.469	929	0	929	906	650	36	929
12-14	75.9	3.662	930	0	930	913	758	140	930
15-17	76.2	3.559	930	0	930	918	779	161	930
18-20	74.8	3.454	930	0	930	908	690	62	930
21-23	72.8	3.279	930	0	930	880	545	5	930
ALL HOURS	73.6	3.937	7439	0	7439	6989	4643	404	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	61.8	6.236	900	0	874	206	23	0	900
03-05	60.5	6.677	900	0	836	159	18	0	900
06-08	60.4	6.759	900	0	834	153	22	0	900
09-11	65.0	5.310	900	0	897	354	52	0	900
12-14	67.1	5.010	900	0	898	518	109	2	900
15-17	67.3	4.849	900	0	899	527	119	1	900
18-20	65.4	5.153	900	0	898	377	70	0	900
21-23	53.0	5.726	900	0	894	234	43	0	900
ALL HOURS	63.8	6.308	7200	0	7030	2528	456	3	7200

MONTH: OCT

00-02	48.9	7.580	933	24	492	0	0	0	933
03-05	47.4	8.110	933	4	401	0	0	0	933
06-08	47.0	8.223	933	58	398	0	0	0	933
09-11	52.9	7.393	930	4	665	8	0	0	930
12-14	56.1	7.101	930	0	757	26	0	0	930
15-17	56.3	7.033	930	0	768	32	0	0	930
18-20	53.3	7.282	929	1	684	8	0	0	929
21-23	50.5	7.366	930	4	572	3	0	0	930
ALL HOURS	51.5	8.284	7448	138	4737	77	0	0	7448

E - 5 - 2 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
IST TO UTC: - 9 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	36.8	8.383	899	283	84	0	0	0	899
03-05	35.6	8.698	900	358	74	0	0	0	900
06-08	35.1	8.983	899	371	66	0	0	0	899
09-11	40.1	8.307	899	175	134	0	0	0	899
12-14	44.3	8.045	900	77	252	0	0	0	900
15-17	44.4	7.725	899	69	231	0	0	0	899
18-20	40.9	7.808	900	122	130	0	0	0	900
21-23	38.3	8.092	900	206	89	0	0	0	900
ALL HOURS	39.4	8.941	7196	1661	1060	0	0	0	7196

MONTH: DEC

00-02	25.2	9.142	930	715	1	0	0	0	930
03-05	24.1	9.573	930	728	3	0	0	0	930
06-08	23.6	9.989	930	737	3	0	0	0	930
09-11	28.0	8.943	930	602	5	0	0	0	930
12-14	33.0	8.056	929	424	18	0	0	0	929
15-17	33.2	7.709	930	411	12	0	0	0	930
18-20	29.1	8.041	930	583	0	0	0	0	930
21-23	26.4	8.516	930	689	0	0	0	0	930
ALL HOURS	27.8	9.443	7439	4889	42	0	0	0	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	46.7	19.215	10954	2978	5144	2029	859	0	10954
03-05	44.9	19.547	10949	3262	4901	1881	724	0	10949
06-08	44.8	20.021	10953	3340	4937	1929	758	0	10953
09-11	49.4	18.926	10952	2391	5725	2603	1241	61	10952
12-14	52.8	17.453	10953	1684	6241	3097	1614	221	10953
15-17	53.1	17.372	10950	1600	6256	3188	1728	274	10950
18-20	50.3	18.371	10953	2205	5795	2745	1389	113	10953
21-23	47.8	18.754	10955	2665	5413	2270	1036	7	10955
ALL HOURS	48.7	18.979	87619	20125	44412	19752	9349	676	87619

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	14.1	12.351	929	805	20	929	0	929
03-05	12.8	12.881	925	808	23	925	0	925
06-08	12.0	13.179	928	818	25	928	0	928
09-11	15.6	11.965	930	775	26	930	0	930
12-14	19.3	10.427	930	714	43	930	0	930
15-17	20.2	10.178	929	686	44	929	0	929
18-20	18.2	10.782	930	737	25	930	0	930
21-23	16.1	11.470	930	785	19	930	0	930
ALL HOURS	16.0	12.046	7431	6128	225	7431	0	7431

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	19.1	11.112	846	649	34	846	0	846
03-05	17.9	11.893	845	658	32	845	0	846
06-08	17.3	12.026	846	682	28	846	0	846
09-11	21.2	10.644	846	604	39	846	0	846
12-14	23.2	10.163	846	545	77	846	0	846
15-17	21.3	10.075	845	552	80	845	0	846
18-20	22.2	10.332	846	569	56	846	0	846
21-23	20.7	10.468	846	616	36	846	0	846
ALL HOURS	20.6	11.094	6766	4875	382	6766	0	6766

E - 5 - 3 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	28.9	7.642	929	393	131	928	0	929
03-05	28.0	7.845	930	432	119	930	0	930
06-08	28.0	7.925	930	432	127	930	0	930
09-11	31.0	8.073	930	281	234	930	0	930
12-14	31.9	8.860	930	300	306	929	0	930
15-17	31.8	8.786	930	314	280	929	0	930
18-20	31.3	8.015	930	282	252	930	0	930
21-23	30.5	7.531	930	307	183	930	0	930
ALL HOURS	30.2	8.262	7439	2741	1632	7436	0	7439

MONTH: APR

00-02	39.6	7.720	900	40	575	887	0	900
03-05	38.7	7.955	900	53	519	890	0	900
06-08	39.0	7.901	900	57	536	886	0	900
09-11	40.9	8.024	899	35	625	869	0	900
12-14	41.3	9.258	900	61	618	853	3	900
15-17	41.7	9.097	900	56	632	852	1	900
18-20	41.4	8.410	900	45	639	853	0	900
21-23	41.1	7.869	900	27	638	867	0	900
ALL HOURS	40.5	8.408	7199	374	4782	6957	4	7199

E - 5 - 3 - 2



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	52.1	6.389	930	0	928	673	7	930
03-05	51.2	6.576	929	0	915	718	5	929
06-08	51.4	6.740	930	2	922	715	11	930
09-11	52.5	6.926	930	1	914	652	19	930
12-14	53.0	7.472	930	0	909	595	37	930
15-17	53.0	7.648	930	0	912	578	24	930
18-20	53.2	6.902	930	0	925	599	19	930
21-23	52.9	6.428	929	0	926	622	11	929
ALL HOURS	52.4	6.975	7438	3	7351	5152	133	7438

MONTH: JUN

00-02	61.4	4.663	900	0	900	117	177	900
03-05	60.8	4.958	899	0	899	153	167	900
06-08	61.2	4.879	900	0	900	132	185	900
09-11	62.1	5.041	900	0	900	117	261	900
12-14	62.5	5.463	900	0	900	113	305	900
15-17	62.8	5.348	899	0	899	105	312	900
18-20	62.6	5.175	900	0	900	99	294	900
21-23	62.2	4.878	900	0	900	91	251	900
ALL HOURS	62.0	5.161	7198	0	7198	927	1952	7198

E - 5 - 3 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	69.9	4.109	928	0	928	1	792	928
03-05	69.4	4.162	928	0	928	5	761	928
06-08	69.5	4.285	927	0	927	5	768	927
09-11	70.6	4.256	929	0	929	1	825	929
12-14	71.5	4.296	928	0	928	3	861	928
15-17	72.0	4.262	928	0	928	1	870	928
18-20	71.6	4.285	928	0	928	0	862	928
21-23	70.6	4.050	930	0	930	0	827	930
ALL HOURS	70.6	4.381	7426	0	7426	16	6566	7426

MONTH: AUG

00-02	70.8	3.806	930	0	930	0	837	930
03-05	70.2	3.935	930	0	930	0	815	930
06-08	70.2	3.892	930	0	930	0	809	930
09-11	71.8	3.927	929	0	929	0	870	930
12-14	72.5	4.141	930	0	930	0	890	930
15-17	72.7	4.095	930	0	930	1	887	930
18-20	72.5	3.824	930	0	930	0	884	930
21-23	71.4	3.619	930	0	930	0	869	930
ALL HOURS	71.5	4.082	7439	0	7439	1	6861	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	60.6	6.737	900	0	900	222	227	900
03-05	59.4	7.040	900	0	897	289	178	900
06-08	59.2	7.196	900	0	896	286	178	900
09-11	61.6	6.635	900	0	898	167	275	900
12-14	61.8	7.190	900	0	896	184	324	900
15-17	61.9	6.905	900	0	897	174	306	900
18-20	62.5	6.095	900	0	900	135	310	900
21-23	61.4	6.420	900	0	900	190	245	900
ALL HOURS	61.1	6.927	7200	0	7184	1647	2043	7200

MONTH: OCT

00-02	47.1	8.414	933	17	824	830	1	930
03-05	45.9	8.760	933	38	804	846	3	930
06-08	45.5	8.797	933	36	779	858	3	930
09-11	48.2	9.423	930	32	809	749	4	930
12-14	48.3	9.764	930	35	801	735	11	930
15-17	48.6	9.512	930	31	811	730	9	930
18-20	49.2	8.920	929	11	819	712	6	930
21-23	48.0	8.627	930	13	815	779	3	930
ALL HOURS	47.6	9.138	7448	213	6462	6239	40	7448

E - 5 - 3 - 5

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	34.1	9.608	899	229	362	893	0	899
03-05	33.0	9.808	900	278	323	894	0	900
06-08	32.6	10.119	899	300	328	893	0	899
09-11	35.2	10.172	899	216	418	893	0	899
12-14	36.4	10.634	900	211	461	883	0	900
15-17	36.6	9.771	899	186	455	889	0	899
18-20	36.5	9.128	900	143	443	892	0	900
21-23	35.0	9.332	900	189	396	893	0	900
ALL HOURS	34.9	9.968	7196	1752	3186	7130	0	7196

MONTH: DEC

00-02	21.4	10.680	930	651	55	930	0	929
03-05	20.4	11.017	930	659	42	930	0	929
06-08	20.0	11.452	930	671	49	930	0	929
09-11	22.9	10.909	930	602	78	930	0	929
12-14	25.2	10.159	929	536	119	929	0	929
15-17	25.7	9.488	930	524	113	930	0	929
18-20	24.0	9.813	930	551	84	930	0	929
21-23	22.1	10.352	930	615	57	930	0	929
ALL HOURS	22.7	10.707	7439	4809	597	7439	0	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	43.4	20.864	10954	2784	6587	7256	2041	10954
03-05	42.5	21.142	10949	2926	6431	7425	1929	10949
06-08	42.3	21.441	10953	2998	6447	7409	1954	10953
09-11	44.6	20.591	10952	2546	6799	7084	2254	10952
12-14	45.7	19.942	10953	2402	6988	7000	2431	10953
15-17	46.0	19.784	10950	2349	6981	6963	2409	10950
18-20	45.6	20.155	10953	2338	6901	6926	2375	10953
21-23	44.4	20.486	10955	2552	6730	7078	2206	10955
ALL HOURS	44.3	20.602	87619	20895	53864	57141	17599	87619

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAE AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	98.9	93.5	81.3	68.8	41.3	21.0	75.5	929
03-05	100.0	100.0	99.8	98.4	94.9	84.0	70.6	43.6	24.8	76.8	925
06-08	100.0	100.0	99.7	98.2	94.8	85.0	75.3	45.3	26.2	77.7	928
09-11	100.0	100.0	99.2	97.2	89.6	75.3	58.9	30.3	16.3	71.9	930
12-14	100.0	100.0	97.5	89.1	69.8	49.7	30.2	14.7	5.8	60.5	930
15-17	100.0	100.0	98.4	87.2	69.4	51.2	31.6	14.3	5.2	60.4	929
18-20	100.0	100.0	99.8	96.1	85.9	74.2	54.9	23.4	8.9	69.2	930
21-23	100.0	100.0	100.0	98.3	90.9	80.1	68.1	32.9	15.4	73.5	930
ALL HOURS	100.0	100.0	99.3	95.4	86.1	72.6	57.3	30.7	15.4	70.7	7431

MONTH: FEB

00-02	100.0	100.0	99.3	98.0	91.7	80.0	68.6	35.8	18.9	74.4	846
03-05	100.0	99.9	99.2	98.2	93.4	84.6	71.7	39.5	25.1	76.4	845
06-08	100.0	100.0	99.4	98.7	94.8	86.8	73.6	43.5	28.5	77.3	846
09-11	100.0	100.0	99.6	96.2	85.3	72.0	50.1	26.8	13.9	69.3	846
12-14	100.0	99.9	97.9	85.9	63.7	43.1	21.4	12.4	3.4	57.2	846
15-17	100.0	100.0	96.8	81.7	59.5	38.9	19.3	10.9	3.8	55.9	845
18-20	100.0	100.0	99.1	94.4	82.3	69.9	44.4	19.9	7.8	66.5	846
21-23	100.0	100.0	100.0	98.3	87.8	78.6	62.8	28.4	12.8	71.8	846
ALL HOURS	100.0	100.0	98.9	93.9	82.3	69.2	51.5	27.2	14.3	68.7	6766

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.4	98.4	91.5	74.2	44.6	16.6	77.7	929
03-05	100.0	100.0	100.0	99.7	98.1	93.0	81.2	52.4	23.3	80.2	930
06-08	100.0	100.0	99.9	99.9	98.2	91.8	82.3	56.1	26.3	81.1	930
09-11	100.0	100.0	99.8	95.7	84.3	67.5	42.7	23.2	6.8	66.8	930
12-14	100.0	99.9	95.9	79.7	58.1	35.7	20.0	10.8	4.0	55.1	930
15-17	100.0	99.7	93.5	78.9	52.5	30.5	17.6	10.9	4.4	53.4	930
18-20	100.0	100.0	99.0	95.6	83.8	64.9	39.0	19.9	5.5	65.3	930
21-23	100.0	100.0	100.0	99.6	97.1	88.5	67.5	38.9	9.6	74.8	930
ALL HOURS	100.0	99.9	98.5	90.5	83.8	70.4	53.1	32.1	12.1	69.3	7439

MONTH: APR

00-02	100.0	100.0	100.0	99.8	98.8	94.6	79.4	51.4	15.3	79.2	900
03-05	100.0	100.0	100.0	100.0	99.6	96.6	86.8	66.9	25.4	83.3	900
06-08	100.0	100.0	99.9	99.8	98.9	95.1	81.4	59.8	22.1	81.7	900
09-11	100.0	99.9	97.9	89.3	76.0	49.2	31.0	17.1	5.7	61.8	899
12-14	100.0	99.0	88.7	66.7	42.3	27.7	17.9	9.9	2.6	50.3	900
15-17	100.0	99.0	90.0	66.8	42.2	26.2	17.2	9.3	2.9	50.2	900
18-20	100.0	100.0	98.3	91.8	74.3	50.6	30.9	15.6	4.4	61.5	900
21-23	100.0	100.0	100.0	99.4	95.6	84.3	61.9	33.8	7.2	73.3	900
ALL HOURS	100.0	99.7	96.8	89.2	78.5	65.5	50.8	33.0	10.7	67.7	7199

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.9	99.2	96.7	88.2	66.5	14.9	82.4	930
03-05	100.0	100.0	100.0	100.0	99.7	98.0	94.0	77.4	28.3	86.0	929
06-08	100.0	100.0	100.0	99.8	98.6	94.5	85.5	66.2	23.5	83.0	930
09-11	100.0	100.0	99.2	95.3	82.6	62.6	39.9	24.5	6.7	66.0	930
12-14	100.0	99.9	96.2	84.7	60.5	37.8	19.2	11.5	3.5	56.2	930
15-17	100.0	99.6	93.3	78.4	58.3	36.0	17.6	10.3	3.4	54.3	930
18-20	100.0	100.0	98.8	93.9	82.3	64.4	35.8	17.5	3.4	64.3	930
21-23	100.0	100.0	100.0	99.9	97.5	91.5	69.8	42.2	8.1	76.3	929
ALL HOURS	100.0	99.9	98.5	94.0	84.8	72.7	56.2	39.5	11.5	71.1	7438

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	99.0	94.3	82.2	18.0	85.2	900
03-05	100.0	100.0	100.0	100.0	100.0	99.2	96.7	88.7	36.0	88.5	899
06-08	100.0	100.0	100.0	100.0	99.8	98.8	92.6	76.7	24.8	85.3	900
09-11	100.0	100.0	99.8	98.9	95.3	78.2	47.7	27.2	5.7	70.4	900
12-14	100.0	99.8	98.9	94.9	78.3	49.1	26.6	14.2	3.8	61.5	900
15-17	100.0	99.9	99.1	93.5	76.0	45.2	21.2	10.0	3.6	60.0	899
18-20	100.0	100.0	99.8	99.0	93.0	74.9	42.6	19.7	4.6	68.6	900
21-23	100.0	100.0	100.0	100.0	99.6	96.3	81.1	57.7	10.7	79.9	900
ALL HOURS	100.0	100.0	99.7	98.3	92.7	80.1	62.8	47.0	13.4	74.9	7198



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.6	91.8	48.0	90.1	928
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	95.0	59.4	91.8	928
06-08	100.0	100.0	100.0	100.0	100.0	99.9	98.7	88.7	46.9	89.5	927
09-11	100.0	100.0	100.0	100.0	99.6	96.1	79.2	42.8	13.8	78.7	929
12-14	100.0	100.0	100.0	100.0	98.2	84.4	57.4	22.1	8.1	72.0	928
15-17	100.0	100.0	100.0	99.9	97.2	81.1	56.0	20.9	9.2	71.6	928
18-20	100.0	100.0	100.0	100.0	99.6	96.0	82.2	45.0	13.8	79.2	928
21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.2	82.7	33.2	87.4	930
ALL HOURS	100.0	100.0	100.0	100.0	99.3	94.7	83.6	61.1	29.0	82.5	7426

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.5	87.3	52.9	89.8	930
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.6	92.4	62.4	91.8	930
06-08	100.0	100.0	100.0	100.0	100.0	99.6	97.7	87.7	50.5	89.8	930
09-11	100.0	100.0	100.0	100.0	99.4	95.3	77.3	35.5	12.1	77.3	929
12-14	100.0	100.0	100.0	100.0	98.2	80.5	45.1	16.1	6.5	69.2	930
15-17	100.0	100.0	99.9	99.9	96.1	76.8	43.9	17.3	6.5	69.0	930
18-20	100.0	100.0	100.0	99.9	99.4	95.3	83.9	45.4	14.3	79.1	930
21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.0	82.5	32.2	87.0	930
ALL HOURS	100.0	100.0	100.0	100.0	99.1	93.4	80.4	58.0	29.7	81.6	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.2	98.6	91.8	49.9	90.4	900
03-05	100.0	100.0	100.0	100.0	100.0	99.6	98.9	94.1	57.1	91.7	900
06-08	100.0	100.0	100.0	100.0	99.8	99.3	98.1	90.4	49.8	90.3	900
09-11	100.0	100.0	100.0	99.4	97.2	90.3	62.4	35.3	11.4	74.7	900
12-14	100.0	100.0	99.4	97.2	86.0	56.4	26.9	14.1	5.4	63.3	900
15-17	100.0	100.0	99.7	96.0	83.9	53.0	27.0	14.9	4.6	62.8	900
18-20	100.0	100.0	100.0	100.0	98.9	94.1	74.3	46.3	12.7	77.8	900
21-23	100.0	100.0	100.0	100.0	99.8	99.2	96.4	82.3	31.1	86.6	900
ALL HOURS	100.0	100.0	99.9	99.1	95.7	86.4	72.8	58.7	27.8	79.7	7200

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	100.0	98.8	94.1	80.1	39.5	87.7	933
03-05	100.0	100.0	100.0	100.0	100.0	99.1	95.6	86.9	50.2	89.9	933
06-08	100.0	100.0	100.0	100.0	100.0	99.2	95.3	84.9	47.6	89.4	933
09-11	100.0	100.0	99.8	97.6	91.2	76.8	57.1	34.2	10.2	71.8	930
12-14	100.0	100.0	97.7	88.5	66.1	37.5	17.6	9.9	2.6	56.5	930
15-17	100.0	100.0	98.3	88.4	64.0	38.2	17.8	9.1	2.8	56.5	930
18-20	100.0	100.0	100.0	99.8	95.9	86.1	68.1	36.4	6.7	74.1	929
21-23	100.0	100.0	100.0	100.0	99.4	96.3	87.2	68.4	24.0	83.2	930
ALL HOURS	100.0	100.0	99.5	96.8	89.6	79.0	66.6	51.3	23.0	76.2	7448

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: NOV

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							MEAN	TOTAL OBS
	30%	40%	50%	60%	70%	80%	90%				
00-02	100.0	100.0	100.0	100.0	99.1	95.4	84.2	65.2	33.4	83.9	899
03-05	100.0	100.0	100.0	99.9	98.8	96.2	88.3	67.7	37.3	85.1	900
06-08	100.0	100.0	100.0	99.8	98.7	95.6	88.1	68.5	38.9	85.2	899
09-11	100.0	100.0	99.9	97.8	89.4	77.8	56.5	35.8	16.9	72.8	899
12-14	100.0	99.9	98.3	89.6	70.2	44.9	24.2	14.4	3.9	59.4	900
15-17	100.0	100.0	97.7	90.8	73.7	46.6	23.5	11.2	3.8	59.7	899
18-20	100.0	100.0	100.0	99.9	97.3	89.4	62.6	33.1	6.8	74.1	900
21-23	100.0	100.0	100.0	100.0	98.8	94.8	78.3	58.4	19.1	80.6	900
ALL HOURS	100.0	100.0	99.5	97.2	90.8	80.1	63.2	44.3	20.0	75.1	7196

MONTH: DEC

00-02	100.0	100.0	100.0	99.9	98.3	89.9	78.2	48.4	25.1	79.4	930
03-05	100.0	100.0	100.0	99.7	98.4	90.8	79.6	50.1	28.8	80.3	930
06-08	100.0	100.0	100.0	99.6	97.8	91.4	83.2	54.4	31.0	81.2	930
09-11	100.0	99.7	99.0	97.7	93.3	82.7	61.9	34.0	15.7	73.5	930
12-14	100.0	99.8	98.9	93.1	78.4	52.2	24.9	11.3	3.3	60.9	929
15-17	100.0	100.0	99.2	94.1	80.3	54.3	27.1	11.8	2.9	61.7	930
18-20	100.0	100.0	100.0	99.4	95.3	85.6	60.9	28.1	9.1	72.7	930
21-23	100.0	100.0	99.9	99.0	96.5	87.4	73.3	41.1	18.5	76.8	930
ALL HOURS	100.0	99.9	99.6	97.8	92.3	79.3	61.1	34.9	16.8	73.3	7439

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9 MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.9	99.7	98.3	93.9	85.6	65.7	29.5	83.0	10954
03-05	100.0	100.0	99.9	99.7	98.6	95.1	88.6	71.4	38.3	85.2	10949
06-08	100.0	100.0	99.9	99.6	98.5	94.8	87.7	68.7	34.7	84.4	10953
09-11	100.0	100.0	99.5	97.1	90.3	77.0	55.5	30.6	11.3	71.3	10952
12-14	100.0	99.8	97.5	89.2	72.6	50.0	27.7	13.5	4.4	60.2	10953
15-17	100.0	99.8	97.2	88.0	71.2	48.3	26.8	12.6	4.4	59.7	10950
18-20	100.0	100.0	99.6	97.5	90.7	78.9	56.8	29.3	8.2	71.1	10953
21-23	100.0	100.0	100.0	99.6	97.0	91.5	78.6	54.3	18.5	79.3	10955
ALL HOURS	100.0	100.0	99.2	96.3	89.6	78.7	63.4	43.2	18.7	74.3	87619

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.29	30.23	30.14	30.01	29.89	29.78	29.73	29.76	29.94	30.10	30.21	30.26	30.03
	SD	.149	.160	.165	.148	.132	.129	.126	.131	.133	.125	.159	.145	.243
	TOT OBS	310	282	310	300	310	300	310	310	300	311	299	310	3652
0300	MEAN	30.30	30.23	30.13	30.00	29.88	29.77	29.72	29.75	29.93	30.10	30.21	30.26	30.02
	SD	.152	.163	.166	.153	.134	.130	.131	.132	.136	.130	.162	.147	.249
	TOT OBS	310	282	310	300	310	300	310	310	300	311	300	308	3651
0600	MEAN	30.29	30.23	30.13	30.00	29.89	29.78	29.73	29.75	29.94	30.10	30.20	30.25	30.02
	SD	.156	.165	.167	.157	.137	.132	.126	.136	.139	.131	.164	.152	.245
	TOT OBS	310	282	310	299	310	300	310	310	300	311	300	310	3652
0900	MEAN	30.31	30.25	30.15	30.02	29.90	29.79	29.74	29.77	29.96	30.13	30.23	30.28	30.04
	SD	.157	.165	.171	.164	.137	.131	.125	.136	.141	.136	.167	.153	.251
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1200	MEAN	30.30	30.24	30.14	30.00	29.89	29.78	29.73	29.75	29.94	30.11	30.21	30.27	30.03
	SD	.160	.165	.170	.157	.136	.131	.123	.136	.140	.135	.166	.153	.250
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
1500	MEAN	30.25	30.19	30.09	29.96	29.85	29.74	29.71	29.72	29.90	30.06	30.17	30.22	29.99
	SD	.157	.160	.163	.150	.132	.126	.118	.137	.135	.130	.160	.145	.242
	TOT OBS	310	282	310	300	310	300	308	310	300	310	300	310	3650
1800	MEAN	30.27	30.20	30.09	29.95	29.83	29.73	29.69	29.71	29.90	30.06	30.18	30.24	29.99
	SD	.152	.157	.162	.145	.128	.125	.115	.136	.131	.126	.158	.143	.248
	TOT OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
2100	MEAN	30.28	30.22	30.12	29.99	29.87	29.76	29.72	29.75	29.94	30.09	30.20	30.26	30.02
	SD	.149	.157	.162	.143	.127	.126	.118	.133	.132	.125	.158	.142	.243
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	30.29	30.22	30.12	29.99	29.88	29.76	29.72	29.74	29.93	30.09	30.20	30.25	30.02
	SD	.155	.163	.167	.154	.135	.130	.124	.136	.137	.132	.163	.148	.247
	TOT OBS	2480	2256	2480	2399	2479	2400	2477	2480	2400	2482	2399	2478	29210

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K PERIOD OF RECORD: OCT 80 - SEP 90  
LST TO UTC: - 9

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.23	30.17	30.08	29.95	29.84	29.72	29.68	29.70	29.88	30.04	30.15	30.20	29.97
	SD	.150	.158	.165	.147	.131	.129	.125	.131	.132	.122	.157	.143	.241
	TOT OBS	310	282	310	300	310	300	310	310	301	310	299	310	3652
0300	MEAN	30.24	30.17	30.07	29.94	29.83	29.71	29.67	29.69	29.88	30.04	30.15	30.20	29.96
	SD	.154	.163	.166	.153	.133	.131	.131	.132	.136	.127	.159	.145	.247
	TOT OBS	310	282	310	300	310	300	310	310	300	311	300	308	3651
0600	MEAN	30.23	30.17	30.07	29.94	29.83	29.72	29.67	29.70	29.88	30.05	30.15	30.19	29.97
	SD	.154	.163	.165	.156	.136	.132	.126	.136	.139	.129	.161	.149	.243
	TOT OBS	310	282	310	299	310	300	310	310	300	311	300	310	3652
0900	MEAN	30.25	30.19	30.09	29.96	29.85	29.74	29.69	29.71	29.90	30.07	30.17	30.22	29.99
	SD	.156	.163	.176	.163	.136	.132	.125	.136	.141	.134	.164	.151	.249
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1200	MEAN	30.24	30.18	30.08	29.95	29.83	29.72	29.68	29.70	29.89	30.05	30.15	30.21	29.97
	SD	.159	.166	.167	.156	.135	.131	.122	.137	.139	.133	.164	.150	.247
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
1500	MEAN	30.19	30.13	30.03	29.90	29.79	29.69	29.65	29.67	29.85	30.00	30.11	30.16	29.93
	SD	.161	.161	.163	.150	.131	.126	.118	.137	.135	.128	.157	.143	.240
	TOT OBS	310	282	310	300	310	300	308	310	300	310	300	310	3650
1800	MEAN	30.20	30.14	30.03	29.89	29.78	29.67	29.64	29.66	29.85	30.01	30.12	30.18	29.93
	SD	.158	.157	.160	.145	.127	.125	.115	.136	.130	.124	.155	.141	.246
	TOT OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
2100	MEAN	30.22	30.16	30.06	29.94	29.82	29.71	29.67	29.69	29.88	30.04	30.15	30.20	29.96
	SD	.151	.155	.164	.142	.126	.126	.118	.133	.131	.123	.156	.140	.241
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	30.23	30.17	30.06	29.93	29.82	29.71	29.67	29.69	29.88	30.04	30.14	30.19	29.96
	SD	.157	.162	.167	.153	.134	.130	.123	.136	.137	.129	.160	.146	.245
	TOT OBS	2480	2256	2480	2399	2479	2400	2477	2480	2401	2481	2399	2478	29210



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	.4	.2		930	.2	.1		930	.4			930	.3			930
CATEGORY B	.7	.5		966	.5	.1		951	.6			977	.4	.1		987

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	1.9	.1		930	2.4	.2		930	1.0			930	1.1			930
CATEGORY B	4.4	.4	.1	973	5.0	1.9	.4	966	2.1	.7	.4	952	1.7	.4		960

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	1.2	.1		4650	1.0	.1		7440
CATEGORY B	2.5	.6	.2	4855	1.9	.5	.1	7732

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	.5			846	.1			846	.6			846	2.1			846
CATEGORY B	1.5	.2		870	.8	.2		874	1.3	.1		891	3.4	.7	.2	903

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	4.3	.1		846	4.3	.1		846	1.7	.1		846	.2			846
CATEGORY B	8.3	1.6	.3	881	10.7	2.3	.2	869	3.7	1.0	.1	861	1.5	.5		868

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	2.6	.1		4230	1.7	.0		6768
CATEGORY B	5.5	1.1	.2	4405	3.9	.8	.1	7017

G - 2 - 2

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	.9	.1		930	1.7	.1		930	1.4	.5		930	4.9	.5		930
CATEGORY B	1.9	.5	.4	958	2.7	.5	.4	952	2.2	.6	.5	976	6.3	2.6	.9	966

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	8.2	1.4		930	11.1	.8		930	3.8	.2		930	2.3	.1		930
CATEGORY B	12.4	6.2	1.5	957	20.0	6.5	1.5	956	5.3	1.8	.1	956	2.8	.9	.3	956

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	5.9	.7		4650	4.3	.5		7440
CATEGORY B	9.2	3.5	.9	4811	6.7	2.4	.7	7677

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270 STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	2.3	.2	.1	900	2.2			900	2.0			900	6.0	.6		900
CATEGORY B	3.0	1.5	.6	925	2.6	1.4	.4	949	2.7	1.0	.1	984	7.7	2.9	1.5	954

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	13.8	2.3		900	17.0	2.4	.3	900	6.3	1.0	.2	900	2.8	.3	.2	900
CATEGORY B	17.2	9.7	4.7	936	21.5	10.5	3.7	922	8.9	3.5	.8	920	3.4	1.3	.3	915

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	9.0	1.3	.1	4500	6.6	.9	.1	7200
CATEGORY B	11.5	5.5	2.1	4716	8.3	4.0	1.5	7505

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	2.5	.4	.1	930	1.9	.1	.1	929	2.6	.1		930	5.7	.2		930
CATEGORY B	2.8	1.1	.3	975	2.6	.4	.2	1004	2.8	1.0	.3	1029	6.8	2.3	.9	979

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	9.5	2.2	.1	930	13.9	2.6	.3	930	6.1	.9		930	3.3	.4	.1	929
CATEGORY B	12.6	6.6	2.5	966	17.3	8.8	3.0	954	8.2	2.8	.5	957	4.1	1.5	.3	961

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	7.5	1.2	.1	4650	5.7	.9	.1	7438
CATEGORY B	9.4	4.3	1.4	4885	7.1	3.0	1.0	7825

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: JUN

.....  
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)  
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	1.4	.1		900	1.4			899	1.6	.3		900	2.9	.3		900
CATEGORY B	2.1	1.0	.3	946	2.0	.3	.1	1017	2.0	.5	.3	1001	3.9	1.2	.3	961

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	4.0			900	5.9	.6		900	2.6	.3		900	1.0	.3		900
CATEGORY B	5.9	1.2		943	7.5	2.3	1.1	920	3.3	1.0	.3	919	1.5	.6	.4	933

.....  
.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	3.4	.3		4500	2.6	.3		7199
CATEGORY B	4.5	1.2	.4	4744	3.5	1.0	.4	7640



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	2.5	.1		928	2.6	.8		930	1.8	.1		929	2.9	.6	.1	930
CATEGORY B	2.8	1.1	.4	998	3.8	1.5	.9	1056	2.9	1.5	.2	1079	4.7	1.6	.4	1044

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	5.8	1.4	.1	928	6.0	1.2		929	2.4			926	1.7			930
CATEGORY B	7.4	3.2	1.1	996	7.5	3.1	1.1	985	3.0	.7	.1	969	1.8	.5	.1	981

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	3.8	.7	.0	4642	3.2	.5	.0	7430
CATEGORY B	5.1	2.0	.6	5073	4.2	1.7	.5	8108

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	1.6			930	1.8	.1		930	1.4	.2		930	2.8	.8		930
CATEGORY B	1.8	.4		994	2.1	.8	.4	1044	1.7	.7	.1	1084	3.3	1.3	.5	1016

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	4.9	.9	.4	930	5.2	1.1	.3	930	2.7	.1		930	1.6	.1		930
CATEGORY B	6.6	2.2	.7	974	6.2	2.6	.9	977	3.1	1.8	.6	971	2.1	.9	.3	973

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	3.4	.6	.2	4650	2.8	.4	.1	7440
CATEGORY B	4.1	1.7	.6	5022	3.3	1.3	.4	8033

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	1.1			900	.4	.1	.1	900	1.9			900	3.2	.2		900
CATEGORY B	1.5	.3		942	1.1	.4	.1	959	1.8	.6		1015	3.6	1.3	.4	968

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	5.1	.3		900	4.7	.1		900	1.4	.1		900	1.2			900
CATEGORY B	6.8	2.2		929	7.0	2.1	.3	931	2.6	.9	.1	933	1.6	.6		924

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	3.3	.2		4500	2.4	.1	.0	7200
CATEGORY B	4.3	1.4	.2	4776	3.2	1.1	.1	7601

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	.5	.3	.3	930	1.1	.3	.3	930	.9	.3	.1	930	1.1	.3	.3	930
CATEGORY B	.7	.3	.3	991	1.0	.6	.3	979	.9	.8	.3	1013	1.4	.5	.3	992

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	3.2	.4	.3	930	4.5	.5	.4	930	1.6	.4	.2	930	.6	.5	.3	930
CATEGORY B	6.0	1.7	.7	952	7.3	2.5	.5	950	2.4	.6	.3	947	.8	.6	.5	954

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	2.3	.4	.3	4650	1.7	.4	.3	7440
CATEGORY B	3.5	1.2	.4	4854	2.5	1.0	.4	7778

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	1.0			900	.6			900	.6			900	.8	.2		900
CATEGORY B	1.4	.3	.1	923	.8	.2		927	.7	.3	.1	962	1.6	.6	.3	938

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	3.1	.3		900	3.1	.2		900	.8			900	.6			900
CATEGORY B	6.7	1.5	.5	919	5.2	1.4	.5	925	1.9	.2		917	1.0	.4		918

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	1.7	.2		4500	1.3	.1		7200
CATEGORY B	3.2	.8	.3	4661	2.4	.6	.2	7429

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: DEC

.....  
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....  
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)  
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	.8			930				930	.1			930	.5			930
CATEGORY B	1.1	.4	.1	969	.5	.4		971	.1			973	1.2	.3	.3	980

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	2.2	.1		930	1.9			930	.1			930	.2			930
CATEGORY B	5.2	1.3	.1	964	4.3	1.0	.1	963	.5			948	.3			949

.....  
.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	1.0	.0		4650	.7	.0		7440
CATEGORY B	2.3	.5	.1	4828	1.7	.4	.1	7717

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: OCT 80 - SEP 90  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	1.3	.1	.0	10954	1.2	.1	.0	10954	1.3	.1	.0	10955	2.8	.3	.0	10956
CATEGORY B	1.8	.6	.2	11457	1.7	.6	.2	11683	1.7	.6	.2	11984	3.7	1.3	.5	11688

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	5.5	.8	.1	10954	6.7	.8	.1	10955	2.5	.3	.0	10952	1.4	.2	.1	10955
CATEGORY B	8.3	3.2	1.0	11390	9.9	.1	1.1	11318	3.7	1.3	.3	11250	1.9	.7	.2	11292

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE20	OBS	GE10	GE15	GE20	OBS
CATEGORY A	3.7	.5	.1	54772	2.8	.3	.1	87635
CATEGORY B	5.4	2.0	.6	57630	4.1	1.5	.5	92062





PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

H - 1 - 1

## PART H

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

#### HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

#### COOLING DEGREE DAYS.

ONE "COOLING DEGREE D-Y" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 471270

STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K  
LST TO UTC: - 9

PERIOD OF RECORD: JAN 78 - SEP 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1978	1150	1021	784	342	78	5			5	270	607	921	5183
1979	960	868	705	409	137	3			28	185	678	957	4930
1980	1208	1158	741	417	131	6			30	318	543	1242	5794
1981	1583	1017	702	361	136	8			20	294	791	1042	5954
1982	1200	934	709	354	59	7			16	168	546	983	4976
1983	1124	1006	669	275	60				3	241	624	1106	5108
1984	1364	1139	866	330	62				8	271	562	1063	5665
1985	1393	897	767	327	34				21	220	636	1187	5482
1986	1346	1110	758	372	93				31	310	687	924	5631
1987	1157	915	792	431	115				34	185	591	1014	5234
1988	1158	1051	823	402	77	3			14	249	720	1014	5511
1989	1008	846	693	304	64	3			19	307	620	959	4825
1990	1193	818	651	378	115	1			7				3163
MEAN	1218	983	743	361	89	2			18	251	633	1034	
SD	166.84	112.52	62.67	46.19	34.19	2.92			10.48	52.55	74.39	101.17	

H - 2 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 471270      STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, K      PERIOD OF RECORD: JAN 78 - SEP 90  
LST TO UTC: - 9

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1978				1	73	244	531	447	154	26			1476
1979				2	23	210	382	419	99				1135
1980					19	192	303	296	94	2			906
1981					35	207	461	364	102				1169
1982					91	236	378	438	118	15			1276
1983				8	74	213	387	490	247	14			1433
1984				2	71	271	438	508	131	3			1424
1985				2	58	236	443	523	172	15			1449
1986					33	212	347	386	129				1107
1987					34	228	358	414	121	25			1180
1988				1	56	242	374	445	154	2			1274
1989				10	48	166	393	418	147				1182
1990				2	31	205	440	470	190				1338
MEAN				2	49	220	402	432	142	8			
SD				3.18	22.64	26.68	58.71	61.39	42.42	9.99			

A W S CLIMATIC BRIEF  JUN 91	STATION NAME: CAMP HUMPHREYS\PYONGTAEK AB, KO											FIELD ELEV: 45 FT			
	LATITUDE/LONGITUDE: 36 57 N 127 02 E											STATION MSC: 471270			
	HOURLY OBS POR: OCT 80 - SEP 90											CALL SIGN: RKSG			
	SUMMARY OF DAY POR: MAR 51-SEP 57, JUL 63-DEC 63, AUG 68-SEP 90														
HOURS SUMMARIZED: 0000 - 2300 LST											SUPERSEDES: SEP 82				
LST TO UTC: -09															
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	57	62	71	88	89	97	99	98	91	84	73	67	99	30	
MEAN MAX TEMP (F)	35	39	50	63	73	80	85	86	78	67	53	40	63	30	
MEAN TEMP (F)	26	30	41	53	63	72	78	79	69	57	44	32	54	30	
MEAN MIN TEMP (F)	17	21	31	42	53	63	71	71	60	46	35	23	45	30	
EXTRM MIN TEMP (F)	-17	-11	14	26	39	43	57	55	37	25	11	-8	-17	30	
D/W TEMP GE 90 (F)	0	0	0	0	0	1	6	8	1	0	0	0	16	30	
D/W TEMP GE 80 (F)	0	0	0	1	5	17	26	27	12	1	0	0	89	30	
D/W TEMP LT 33 (F)	29	25	19	3	0	0	0	0	0	1	13	26	116	30	
D/W TEMP LT 10 (F)	7	3	0	0	0	0	0	0	0	0	0	2	12	30	
HEATING DEGREE DAYS	1218	983	743	361	89	2	0	0	18	251	633	1034	5332	13	
COOLING DEGREE DAYS	0	0	0	2	49	220	402	432	142	8	0	0	1255	13	
MEAN DEWPOINT TEMP (F)	16	20	30	40	52	62	70	71	61	47	34	22	44	10	
MEAN WET BULB TEMP (F)	22	26	36	46	57	65	72	73	63	51	39	27	48	10	
99 WCA WCAP (FT)	200	250	400	450	500	600	600	650	450	300	300	200	700	10	
MEAN REL HUM 07 LST(%)	77.7	77.9	81.1	81.7	83.0	85.3	89.5	89.8	90.3	89.4	85.2	81.2	84.4	10	
MEAN REL HUM 13 LST(%)	60.5	57.2	55.1	50.3	56.2	61.5	72.0	69.2	63.3	56.5	59.4	60.9	60.2	10	
MAX 24HR PRECIP (IN)	.93	1.60	2.14	3.91	3.88	4.41	7.10	6.96	7.55	6.22	2.36	.85	7.55	30	
MAX PRECIP (IN)	2.51	3.68	5.39	9.64	9.16	12.60	19.44	20.69	13.90	10.38	5.05	2.79	59.63	30	
MEAN PRECIP (IN)	1.02	1.04	1.98	3.07	3.23	5.46	10.48	8.67	5.01	2.19	2.06	1.13	44.25	30	
MIN PRECIP (IN)	.21	#	.23	.20	.17	.74	3.89	3.28	.06	.17	.40	.27	26.34	30	
D/W PRECIP GE .01 (IN)	7	6	7	8	7	9	14	12	8	7	9	7	101	30	
D/W PRECIP GT .50 (IN)	1	1	1	2	2	3	6	5	3	1	1	1	27	30	
MAX 24HR SNFL (IN)	9.0	4.9	5.0	#	0	0	0	0	0	.1	3.7	3.5	9.0	30	
MAX SNFL (IN)	23.4	7.7	6.5	#	0	0	0	0	0	.1	5.5	13.0	29.2	30	
MEAN SNFL (IN)	6.5	3.2	.4	#	0	0	0	0	0	0	.3	2.7	13.1	30	
D/W SNFL GE .1 (IN)	4	3	1	0	0	0	0	0	0	#	1	3	12	30	
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	#	1	4	30	
MAX DLY SNO DEPTH (IN)	13	14	3	0	0	0	0	0	0	0	3	7	14	30	
PRVING WND DIR (DEG)	\$29-31	\$29-31	\$26-28	\$26-28	\$26-28	\$26-28	\$08-10	\$08-10	\$08-10	\$08-10	\$29-31	\$32-34	\$26-28	10	
MEAN WND SPD (KTS)	3	4	5	5	4	4	4	4	3	3	4	3	4	10	
MAX WND SPD (KTS)	19	27	30	42	39	34	38	34	36	25	37	24	42	30	
SKY COVER GT 5/10 (%)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
D/W THUNDERSTORMS	0	#	#	1	1	2	3	3	1	1	1	#	13	30	
D/W FOG (VSBY LT 7 MI)	18	16	18	17	18	21	22	20	20	21	18	18	227	30	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	17.6	15.5	11.9	12.3	14.8	18.0	27.4	14.7	14.4	15.8	14.7	18.2	16.3	10
	03 - 05	17.9	18.6	14.2	18.9	25.4	31.1	42.3	28.0	23.3	27.1	22.3	21.1	24.2	10
	06 - 08	25.1	25.8	23.4	29.7	34.0	43.7	51.1	36.2	27.8	33.9	27.2	24.4	31.9	10
	09 - 11	31.4	24.3	21.4	20.6	21.2	24.6	33.6	19.7	15.0	18.7	23.6	25.8	23.3	10
	12 - 14	16.7	13.2	12.7	9.6	10.3	12.9	22.5	9.6	8.3	5.4	9.3	10.9	11.8	10
	15 - 17	9.8	9.6	10.0	8.6	9.0	9.4	17.0	7.7	7.6	5.2	6.6	7.2	9.0	10
	18 - 20	11.9	11.6	10.5	10.1	7.6	9.2	14.6	8.7	6.2	5.5	6.6	11.3	9.5	10
	21 - 23	12.7	13.7	11.1	10.2	12.0	13.1	17.5	11.9	6.2	5.7	9.8	13.4	11.4	10
	ALL	17.9	16.5	14.4	15.0	16.8	20.2	28.3	17.1	13.6	14.7	15.0	16.5	17.2	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	15.4	11.9	9.1	10.7	11.1	14.3	17.2	11.1	10.6	13.8	11.4	13.7	12.5	10
	03 - 05	15.8	15.6	11.2	16.1	20.3	26.7	28.6	22.6	20.2	25.6	19.0	17.4	19.9	10
	06 - 08	22.7	23.6	18.4	26.9	28.2	38.5	37.2	28.8	25.1	32.3	24.4	21.6	27.3	10
	09 - 11	30.2	22.6	17.1	16.5	14.5	18.2	20.5	12.9	11.7	17.7	20.9	23.7	18.9	10
	12 - 14	15.2	9.5	6.8	5.9	7.3	8.3	10.6	4.3	4.8	4.5	6.5	9.2	7.7	10
	15 - 17	7.8	6.5	6.7	5.0	5.2	6.1	8.4	3.7	4.1	3.9	3.7	5.4	5.5	10
	18 - 20	8.2	8.5	7.5	6.8	4.4	5.0	8.8	3.9	3.3	4.5	4.3	8.5	6.1	10
	21 - 23	9.6	10.8	8.0	7.8	9.6	8.9	11.5	6.1	3.3	4.7	7.0	10.1	8.1	10
	ALL	15.6	13.6	10.6	11.9	12.6	15.8	17.8	11.7	10.4	13.4	12.1	13.7	13.3	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	9.6	7.2	5.4	7.8	6.6	5.6	7.4	4.2	5.5	7.8	7.3	9.2	6.9	10
	03 - 05	10.6	10.2	6.1	11.3	12.3	13.6	14.3	13.1	11.8	16.7	13.2	10.1	11.9	10
	06 - 08	13.2	14.8	10.4	17.3	17.2	22.0	21.6	17.2	16.3	22.9	15.5	12.4	16.7	10
	09 - 11	19.0	14.8	8.1	7.8	5.9	7.0	7.6	5.7	5.1	10.0	12.0	14.4	9.8	10
	12 - 14	8.4	5.9	2.3	2.8	3.1	2.3	2.9	.6	2.0	1.6	2.9	5.2	3.3	10
	15 - 17	4.5	3.8	2.8	2.4	1.8	1.2	1.7	1.4	1.6	1.6	2.5	2.4	2.3	10
	18 - 20	4.0	4.5	3.2	3.2	1.2	2.1	1.8	1.3	1.3	1.5	2.6	3.8	2.5	10
	21 - 23	4.7	4.7	3.7	4.7	4.3	2.6	3.4	1.3	1.2	1.3	4.0	5.5	3.4	10
	ALL	9.3	8.2	5.2	7.2	6.6	7.0	7.6	5.6	5.6	8.0	7.5	7.7	7.1	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	3.0	2.5	1.0	1.6	1.2	.3	.2	.6	1.4	1.9	4.0	2.2	1.7	10
	03 - 05	3.3	4.5	1.9	2.8	2.6	2.4	1.5	3.7	4.2	9.0	7.7	2.9	3.9	10
	06 - 08	5.2	4.9	3.2	5.7	4.4	3.2	2.6	5.0	5.7	14.0	8.5	3.4	5.5	10
	09 - 11	4.1	3.3	.9	1.1	.4	.2	.1	.1	.8	3.3	4.7	2.6	1.8	10
	12 - 14	1.4	.8	.0	.0	.0	.0	.3	.0	.1	.0	.2	.3	.3	10
	15 - 17	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.2	.1	10
	18 - 20	.9	.8	.5	.6	.0	.0	.0	.0	.0	.0	.0	1.2	.3	10
	21 - 23	1.1	1.3	.1	.9	.1	.0	.0	.0	.1	.0	.9	1.7	.5	10
	ALL	2.4	2.3	1.0	1.6	1.1	.8	.6	1.2	1.5	3.5	3.2	1.8	1.7	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1954 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/2	1/4	0/0	0/0	0/0	0/0	1/6
120NM	0/0	0/0	0/0	0/0	0/0	0/1	1/7	3/10	0/0	0/0	0/0	0/0	4/18
240NM	0/0	0/0	0/0	0/0	0/1	1/4	5/14	5/17	4/2	0/0	0/0	0/0	15/38

REMARKS : ALL SUMMARIES FROM SUMMARY OF THE DAY DATA (DESIGNATED BY 30 IN THE YOR COLUMN) WERE TAKEN FROM DATA THAT WAS REPORTED ON A PART TIME BASIS (SEP 56-SEP 57, JUL 63-DEC 63, AUG 68-FEB 77). MOST OF THE DATA DURING THIS PERIOD HAD NO REPORTS TAKEN FROM 1800-0500 LST. DATA FOR MAR 51-AUG 56 AND MAR 77 - SEP 90 ARE FULL TIME.

## DISTRIBUTION

30WS/DON, APO SF 96301-0420 .....	3
USAFETAC/LDD, Scott AFB, IL 62225-5438 .....	1
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723 .....	2
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145 .....	2
AWSTL, Scott AFB, IL 62225-5438.....	3